

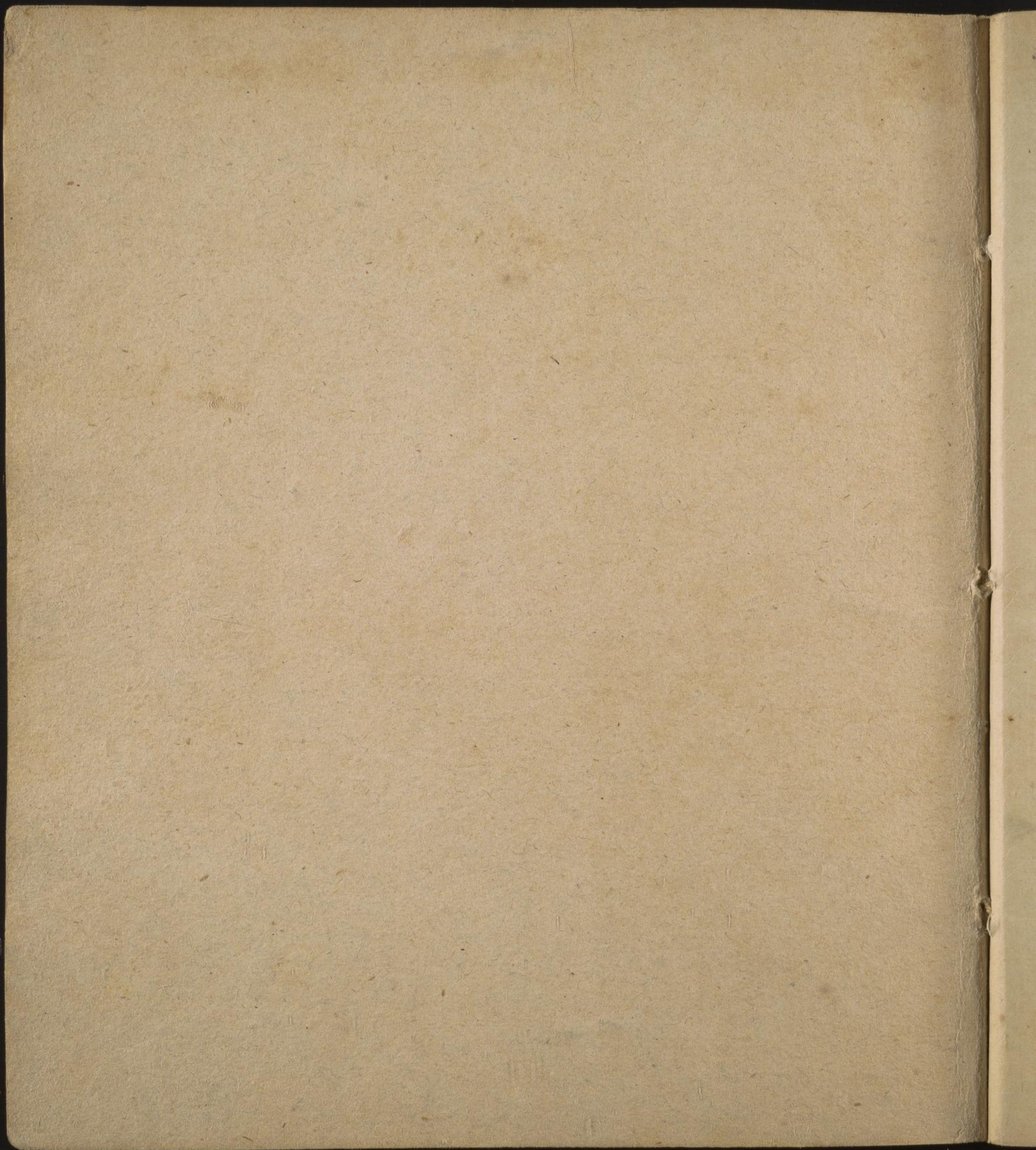
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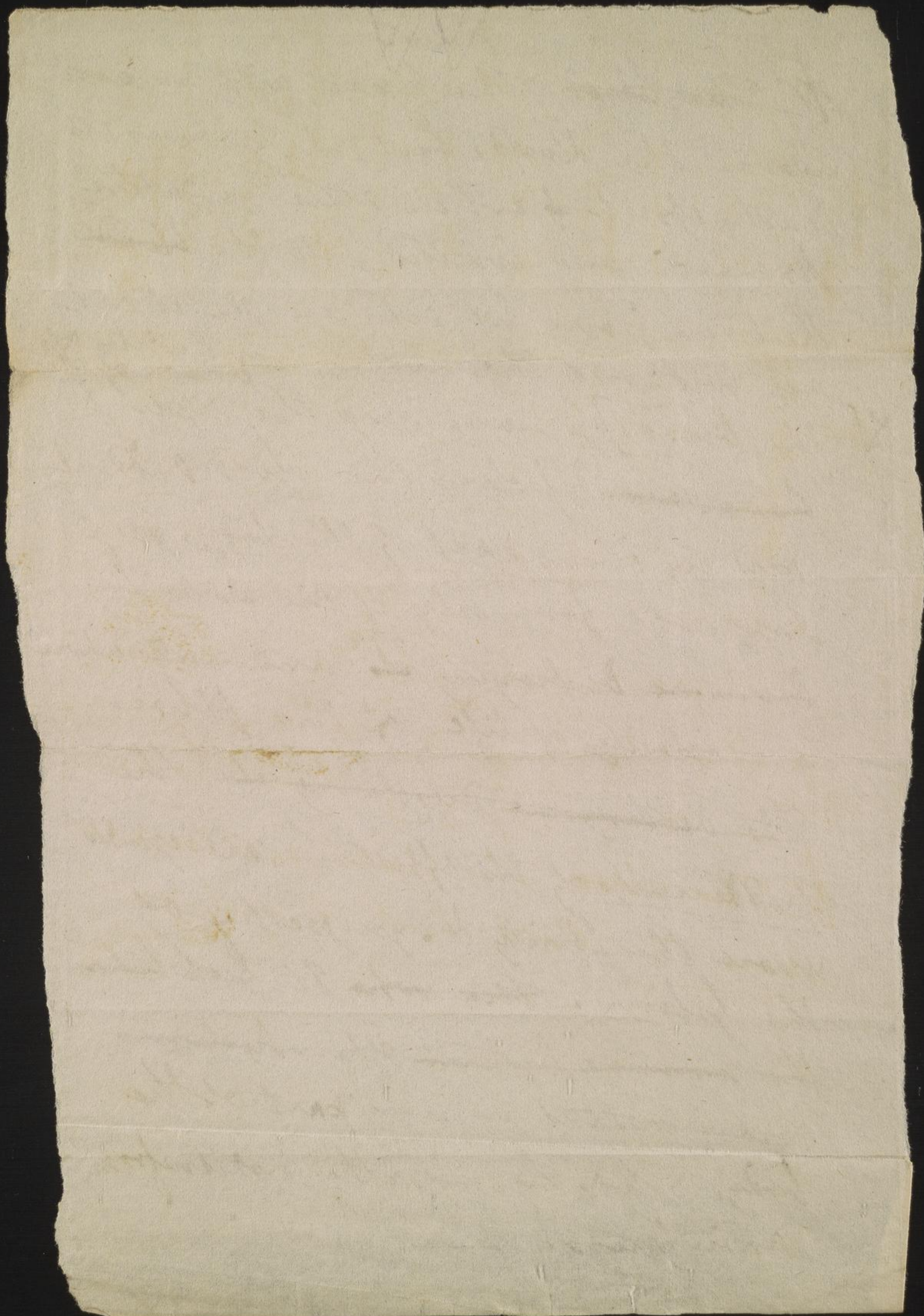
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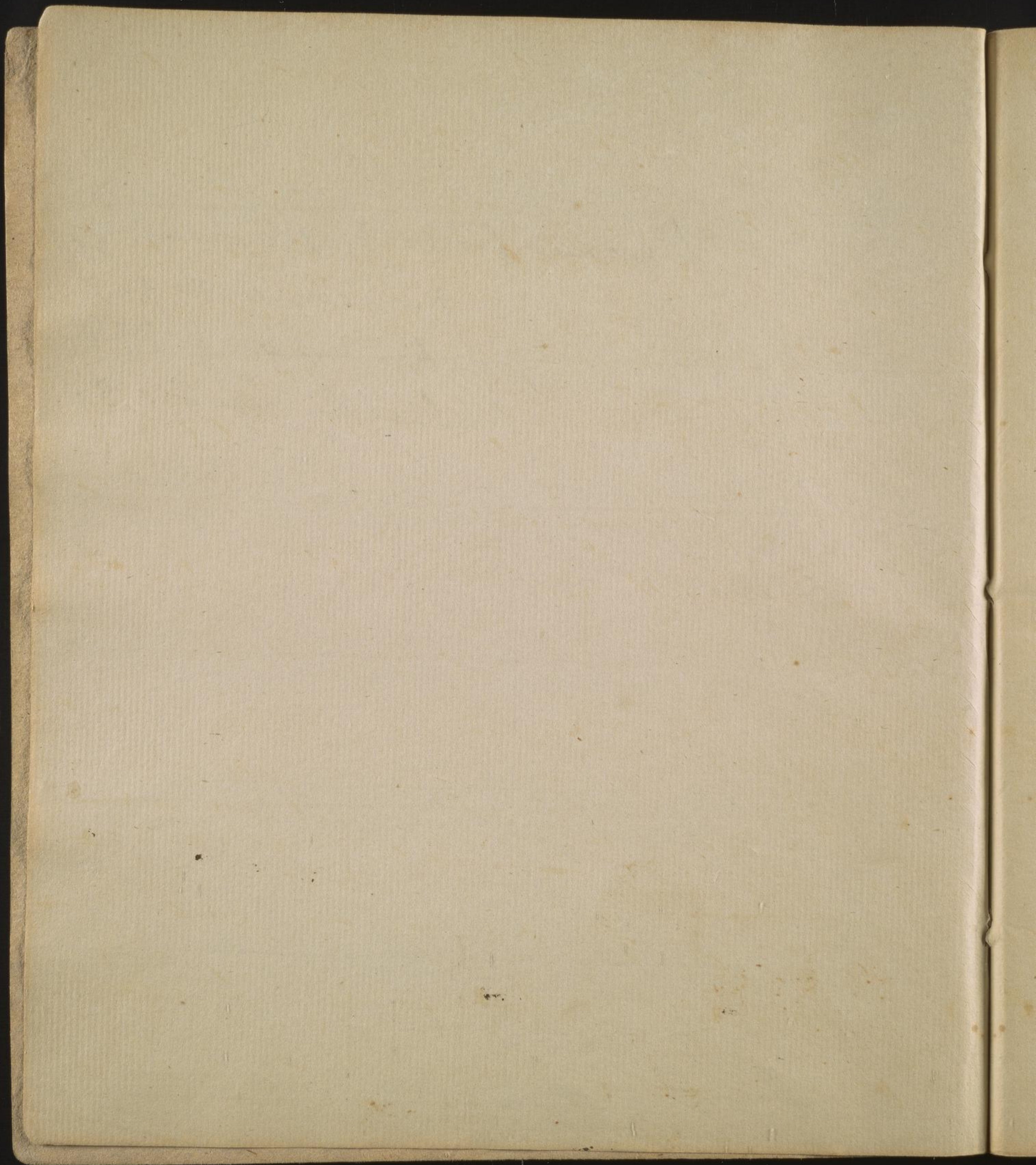
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~~The blood~~ The virus acts in part
 upon the blood, but it produces its
 deadly effects & when run^d into the
 stomach and injected into the blood
 Return from which we see it can
 act without the instrumentality of
 the blood. I have said the virus of
~~the blood~~ dissolves the blood suddenly
 and in every part of the body. ~~It~~ I
 supposed formerly it did as by
 destroying its animation
 or capacity of life, of the fibrin.
~~Its destroying dissolving it~~ The
 suddenness of its effects I said depended
 upon the vitality & sympathy of
 the fibrin. ~~the virus~~ It sublimates
 the nervous system & the system
 is ~~in a~~ instant in every part of the
 body. This sympathy not uniform.
 as in pressure.

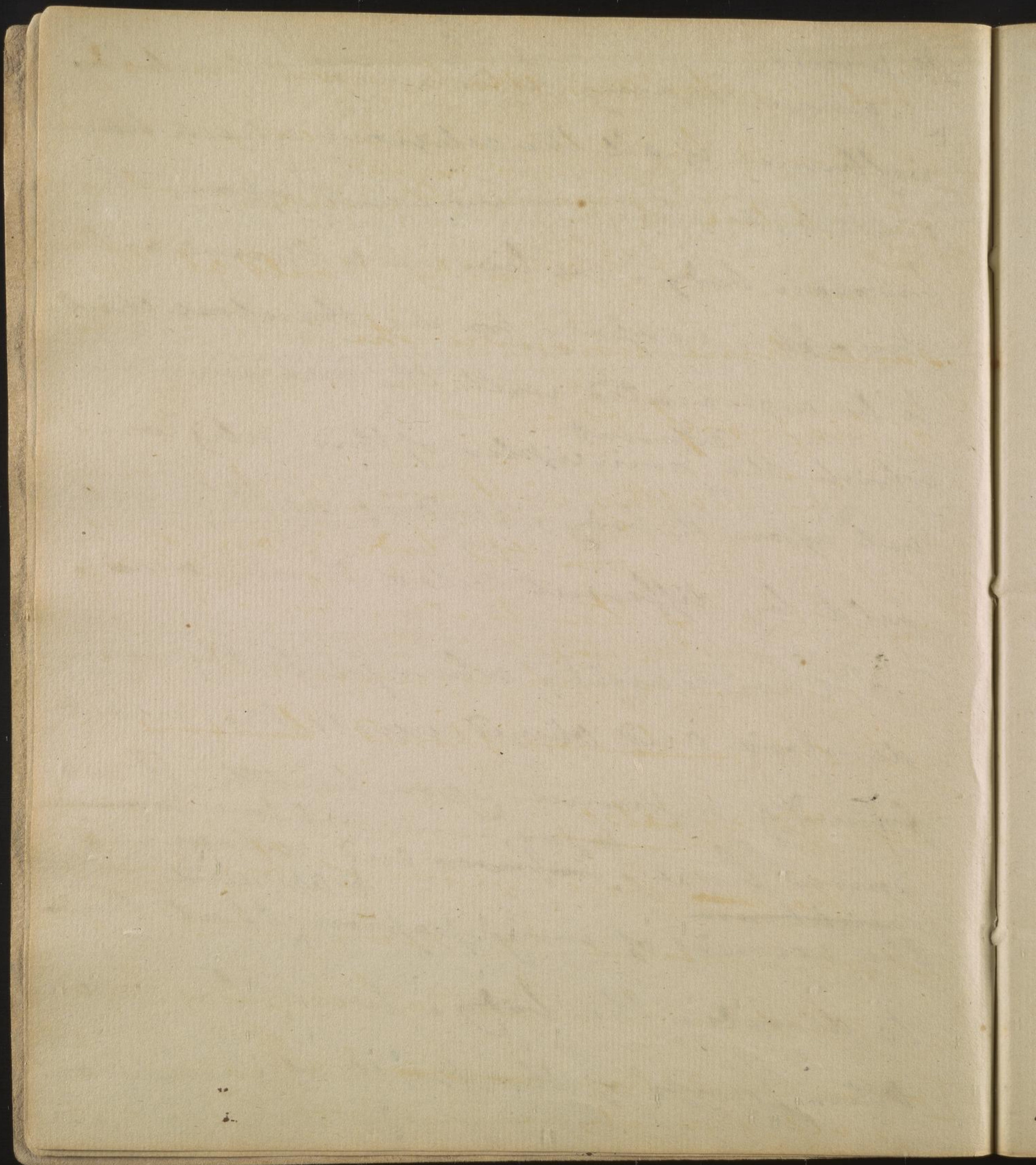




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It would
require many lectures to detail the
influence of all the religions which have
existed, & which now exist, upon the
human body. We live in a Christian coun-
try. It is necessary for us therefore chiefly
to be acquainted with the manners in
which the ^{different} principles of this religion
act upon the body, according as they are
held by different sets of Christians.

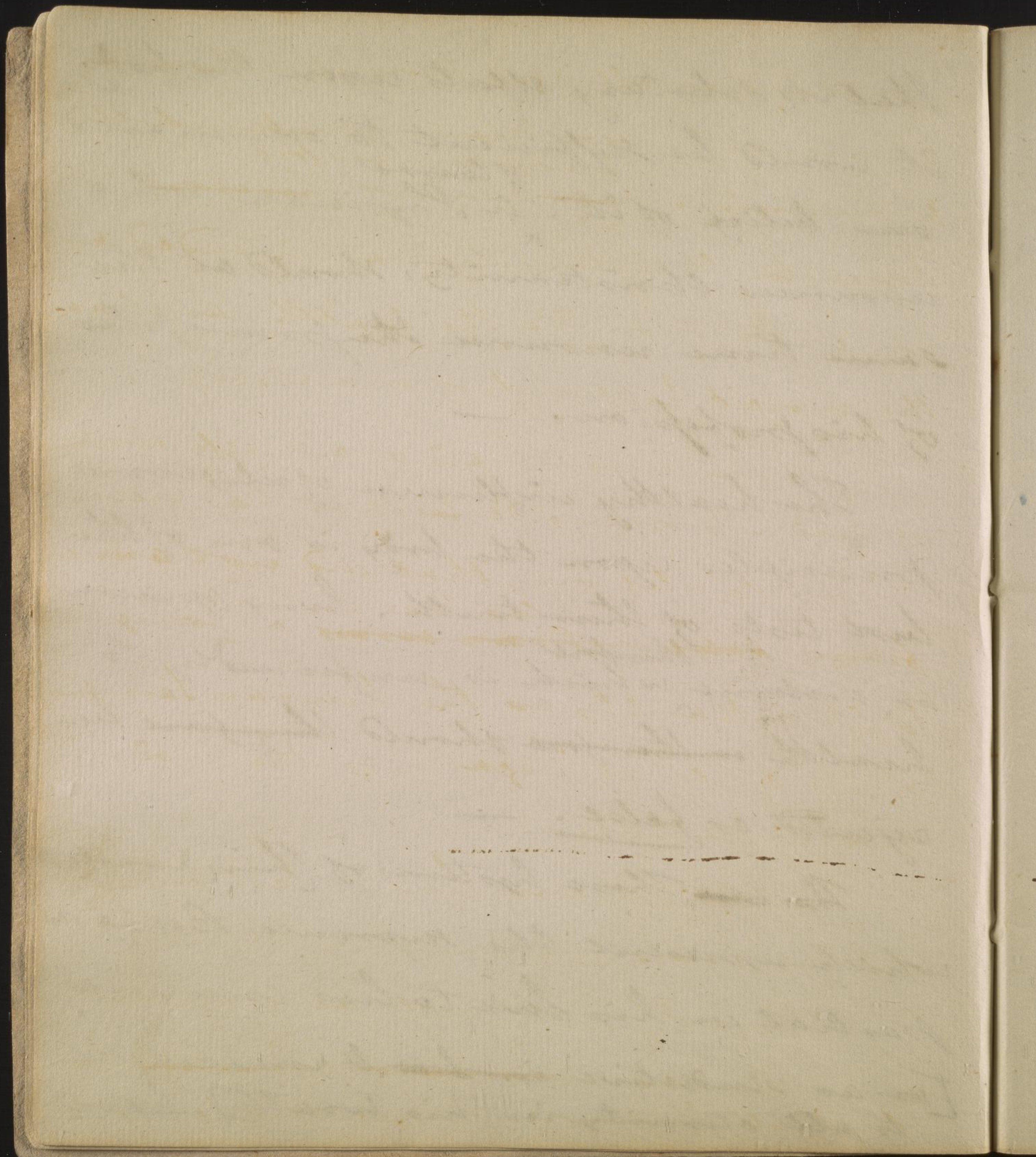
Christianity when perfectly un-
derstood, and obeyed, exerts the most
friendly influence upon health. It in-
spires hope - ^{joy,} - universal love, ~~to friends~~
~~neighbour~~ and restrains
the exercise of every passion that tends
to disorder the body. Were there no
other proofs of the truth of this Religion



that its salutary effects upon the body,
 it would be sufficient to command
 our belief of it. ^{of course} A Physician who
 renounces Christianity, should at the
 same time renounce the principles
 of his profession. —

The healthy influence of religious
 principles upon the body is one of the
 best tests of their truth. Every opinion
 or doctrine ^{therefore} which is unfriendly to
 health ~~is therefore~~ should ~~therefore~~ be
 rejected as false. —

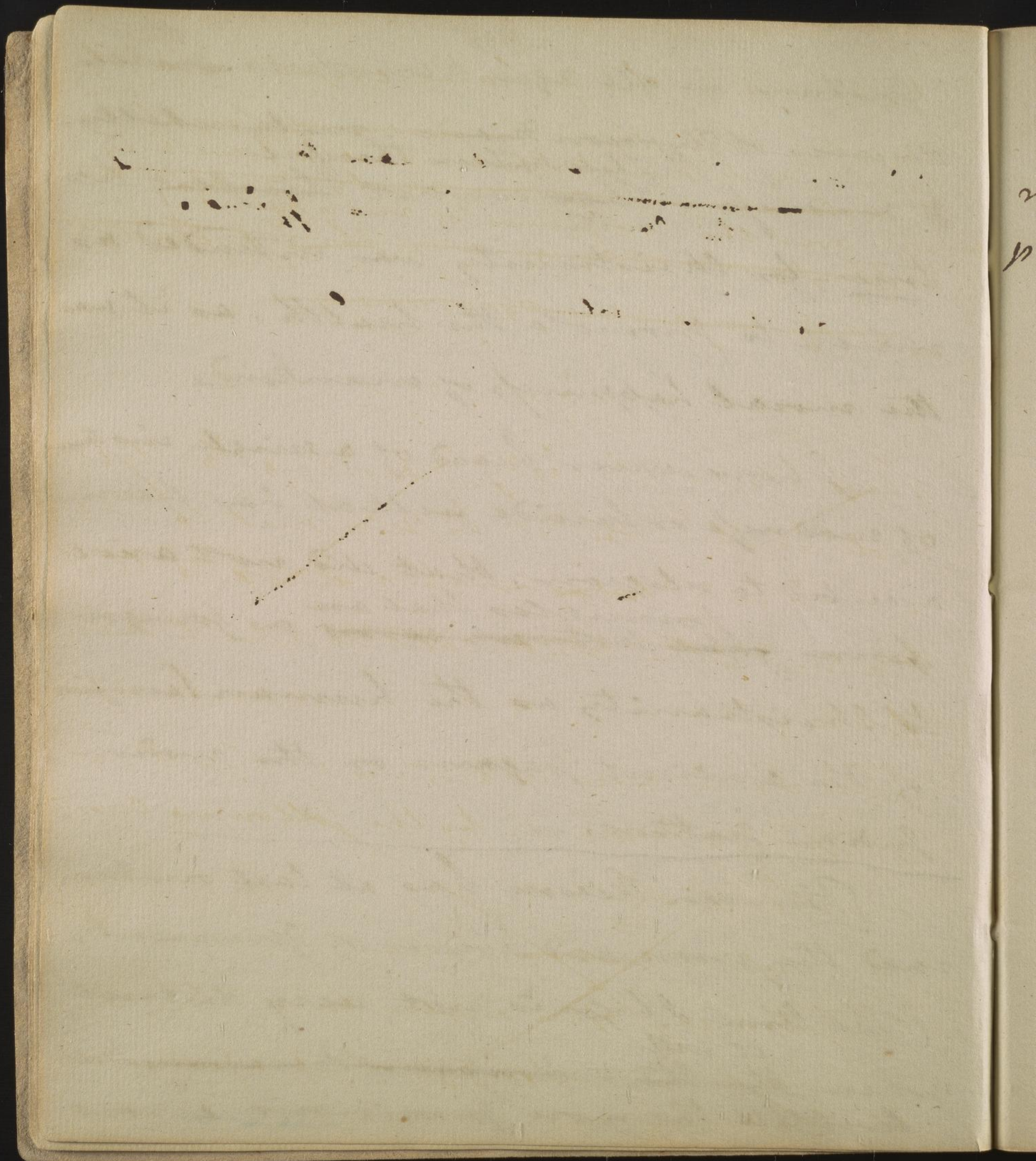
The ~~idea~~ those systems of Christianity
 which represent the Supreme Being as
 partial in his love to his creatures,
 [or as vindictive ~~in his~~ & inexorable
 to all eternity in his wrath] have



produced in all ages & countries ~~the~~ ^{the} ~~melancholy~~
 diseases of Hypochondriasis - melancholly -
 & madness - ^{These systems therefore} ~~They~~ can not ~~therefore~~ be
true - for Christianity was intended as
 much to promote the health, as it was
 the moral happiness of mankind.

I have never heard of a single instance
 of madness or suicide for that has been
 ascribed to religion, that did not arise
 from ^{principles that are} ~~false notions~~ ~~errors~~ as foreign
 to Christianity as the human sacrifices
 of the ancient pagans or the modern
 Indian Nations. —

[Human Reason has at last over-
 -ruled the errors and abuses of Government;
 — The time I hope is not very distant
 when ^{it will} ~~the~~ ~~the~~ influence of tyranny shall
 level all the more pernicious errors



& abuses which have crept into religion ^{and} - and when the ~~power of~~ priests over religious establishments shall cease to have any ~~the consciousness of men shall be as subordinate~~ power over the ~~consciousness of mankind.~~ ~~the power of kings over their property & lines of the people of France.~~

Employments.

~~These injure the body & according to the violence they offer it with respect to rest or motion - ~~but as~~ ~~or~~ ~~according to~~ the nature of the materials in which men labor.~~

~~These produce diseases according as they are more or less influenced by the following circumstances.~~

~~1 Excessive ~~violent~~ labor. Farmers & day labourers often suffer from this cause. - These diseases are stiff joints, & a premature old age.~~

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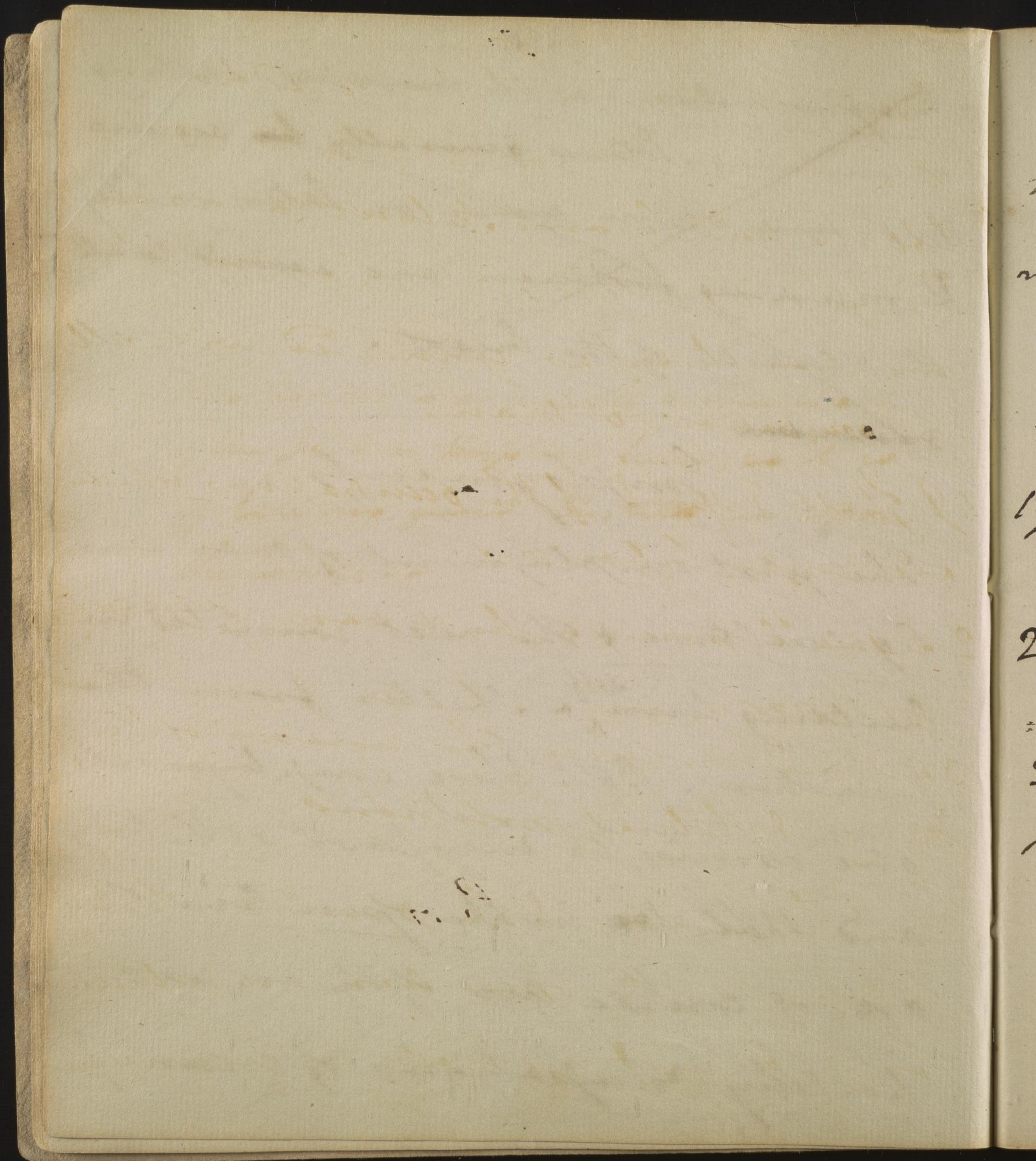
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2 ~~Excessive~~ motion - as in ~~running~~ walking
or running. Soldiers generally ~~lose~~ acquire
the Rheumatism sooner or later in life,
& running footmen are exposed to all
the diseases of the breast.

3 ~~Excessive~~

Employments.

The first employment of man was
Agriculture & The next, consisted in
building him^{self} a shelter from the
weather. Both these employments
give exercise to every part of the body,
and that too in the open air. They
are of course two of the most
healthy occupations of man. In



proportion as he has receded from them by the progress of the arts of civilized life, he has become subject to many ^{new &} artificial diseases. I shall briefly mention them, as connected with all the occupations of man.

1 I shall speak of the occupations which are simply laborious.

2 I shall mention the diseases of manufacturers -

3 I shall mention the diseases of the studious & liberal professions.

1 The farmer & Carpenter who labours in the open air, are subject only to accidents & fevers. It has been

[This disorder is as much a modification
of the Jail or Hospital fever, as it is
of bilious fever, transuded in upon
the bowels] -

remarked by, that the carpenters are
the largest body of any mechanics
in our city.

2 Day labourers are subject to accidents,
fevers - ruptures - Sore legs - Obstructed
viscera - Dropsies. —

3 Soldiers are subject to fevers - Dysentery
& Above all ^{to} the Chronic Rheumatism.

4 Sailors are subject to the same dis-
eases ~~as~~ as soldiers, and in addition to them
Scorbutic eruptions on the skin.

5 Servants male & female, are subject
to Catarrhs & Pneumonias. Coachmen
in particular are more exposed to
those diseases from being obliged so
often to wait for hours at the Door

1894-1895

of their masters in cold & wet weather.
 The servants of the Kings of Spain ~~were~~ ^{are}
 much afflicted with nephritic com-
 -plaints, but on ly being obliged to
 stand constantly in the presence of
 their Royal masters.

2 manufacturers, ^{Mechanics} suffer not only from
 leading a sedentary life, deprived frequently
 of fresh air, but from the materials
 in which they work. —

weavers are subject to dyspnoea —
 Catarrhs - & Hypochondriasis. I once
 (a great manufacturing town in
 stayed a day at Paisley which happens
 Scotland)
 to be a holiday, and out of near 1000
 weavers whom I saw in the streets,
 or at play, I did not see one who

✓ of their eyes upon small objects.

had ^{not} a pale face. Dr Gowersill informed
me that most of the chronic patients
whom he saw in the London hospitals
while he was a student of medicine, were
Spindlefield weavers. —

Watch & clock makers & silver smiths —
all suffer from the want of Air & exercise.
They likewise suffer from the constant pressure ✓
Taylors & Shoemakers suffer not only
from their sedentary lives, but the position
of their bodies. It is remarkable that those
parts of the body which are exposed to
exclusive exercise, become ^{disproportioned} ~~larger~~ in
point of size, to the rest of the body. Eg:
The Glutei muscles in a Shoemaker,
& the Gastrocnemii muscles in a
Taylor are much larger than in
persons of the same size of other

V Sir John Pringle saw a stone cutter
affected with a palsy from only
handling the lead that is employed in
cementing the pieces of stone together.

Dr Franklin's fingers became numb;
from handling his types After he
had warmed them by placing them
upon a stove. I have seen a printer
in our hospital whose fingers were
~~paralytic~~ paralytic from no other cause
than the action of the lead contained
in his types upon them. The men
& boys who work at the type foundry in
this city are ~~subject to~~ ~~subject to~~ pale & subject to
costiveness, & want of appetite. They stand
only at their work, and are thus exposed to
the vapor of the metals of which the types are

occupations.

Bakers who ~~work~~ frequently work during the whole night, & in cellars, are subject to pulmonary complaints. It has been computed that the ^{of a Baker} average life in London is only three years. They are most subject to malignant & contagious diseases. Smiths of every description who work in metals alternately exposed to hot & cold air are subject to inflammatory diseases.

The materials in which men work often produce diseases. & of Lead. It is impossible to handle this metal in a manufacturing manner of any kind without contracting a disease from it. See Pringle's story of the Stone Cutter & Dr Frank's of the warm types. - The printer in the hospital 1800

Studious people suffer not only from the inordinate exercise of their understanding,

made, which are made of 1 part of lead &
from $\frac{1}{4}$ to $\frac{1}{6}$ of Regulus of Antimony.

V perhaps from ^{retaining} ~~discharge~~ ^{after the bladder becomes full} ~~discharge~~ ^{water} ~~are~~ ^{often} troubled with
the gravel & stone. Printers who work
in the upper stories of houses ~~and~~ ^{and}
suffer from the same cause. Dr. Lenth
has ascribed the foundation of the stone
which ~~has~~ ^{afflicted} ~~himself~~ ^{himself} in the evening
of his life, to a neglect ^{to} ~~of~~ discharging
his water when engaged at a distance
from a suitable place to evacuate it.

+ Perhaps, ^{this may be} ~~than~~ ^{of some of them.} ~~It~~
owing to ^{than} indolent lives ^{is} more
common among Catholics than protes-
-tant Clergyman. ^{But} 5 popes out
of 300 have lived to beyond 80. That
the sedentary & solitary lives of the Catholic

also
~~lost~~ from their sedentary lives. — The
 Dyspepsia — has long been called the morbus
 studiorum. Judges from sitting long, and
~~Physicians~~ ^{Clergymen are likewise} ~~Physicians~~ ^{also to Dyspepsia}
 exposed to this disease more than any
 any other class of literary men. Did they
 like the divine Author of their religion
 spend more of their time "in going Abt
 doing Good" instead of spending whole
 days in their Courts in composing
rules to be good, they would escape all
 the maladies to which have been connec-
 ted with their profession]

Lawyers & Physicians, by blending
 exercise with study have in all ages
 & countries, escaped many of the diseases
 to which other literary people are

Clergy contribute to their Diseases; I infer from
the Protestant Clergy being ~~more~~ ^{healthier} who
many live in families and lead more
active lives being more healthy & long lived.
of 1000 Clergymen who subscribe to the
widows fund in Scotland but ^{one in} 29 dies
yearly, that is but $2 \frac{1}{2}$ in an 100.

[I had caught two colds from be-
-having in the chemical room
exposed to the heat of a stove & a
current of cold air]

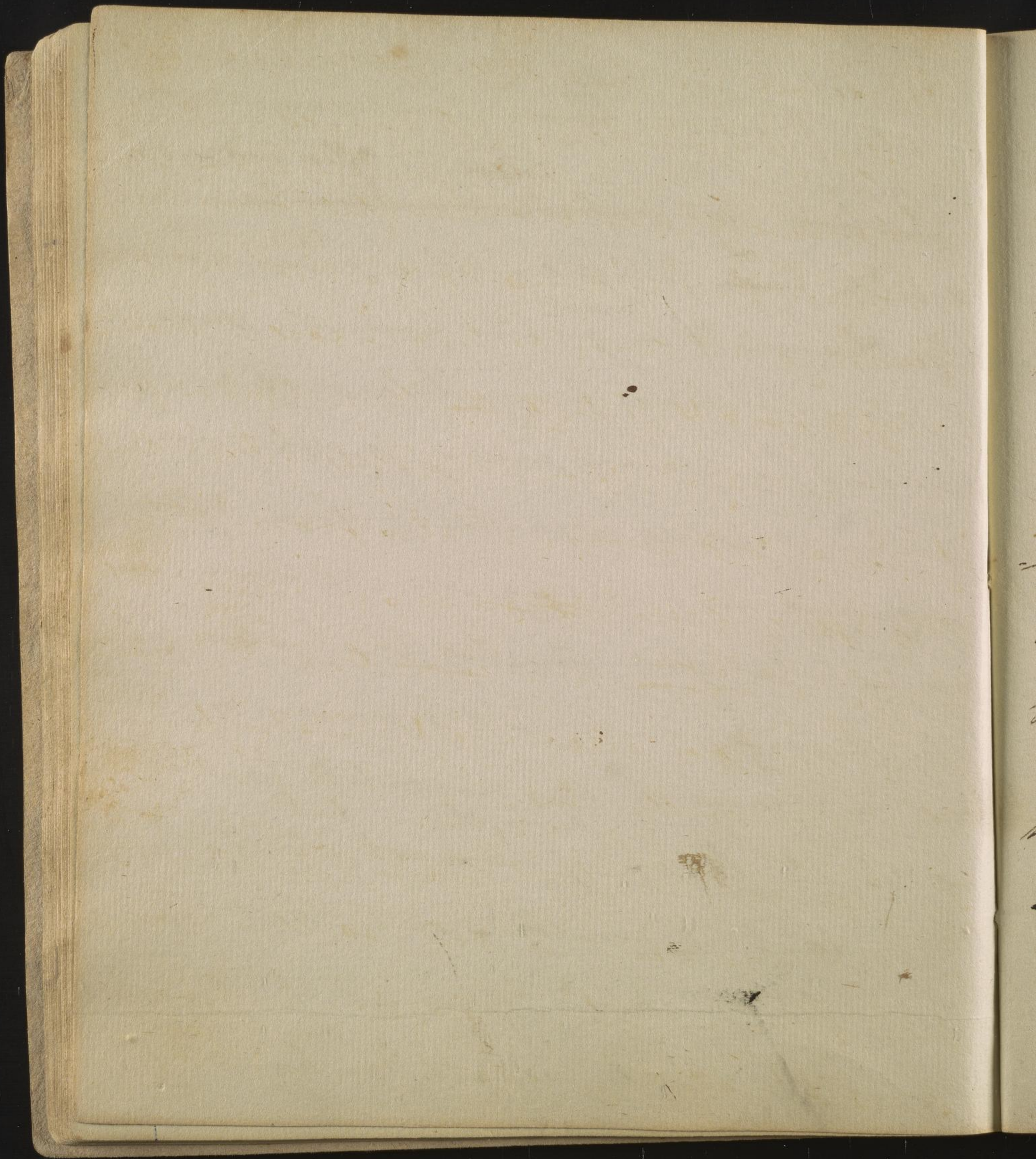
✓ Sinnermen are subject to a paralysis
of their right hands. I have seen one
case of this kind. For further informⁿ:
on this subject see Rammann on the
Diseases of tradesmen. [I shall only

Subject. Bishop Burnet remarked y:
 the lawyers were the longest lived people
 of any class of men in England. He
 ascribes their longevity to their regular
 & gentle exercise in attending the affairs.
Ramazzini says ~~the~~ connects longevity
 likewise with the profession of Physic. To
 their constant exercise, he might have
 added that they know better how to
 take care of their health than other
 people. [A proof in point of this remark
 just: is our change this day of the place
 of our meeting together] Physicians who
 ride much on horseback are subject to
 costiveness - the piles & fistula in ano. The
 late Dr Jones informed me that he had
 cut 3 Country Physicians for y^e disorder
 in the course of his life. — ✓

add to this belief - that the minds of
men are much influenced by ^{their} professions
& occupations - thus we see dangers make
sailors & soldiers bold - authority - & despotic
& killing animals - cruel. —

Diseases from Amusements.

a predisposition to Disease is often induced by ^{it}.
~~The first that I shall mention~~ is indolent
 debility ^{of} ~~from~~ fatigue. This I have uniformly
 - by observed to be ^{much} greater from the pursuit
 of pleasure than from labor of any
 kind. I have heard many people com-
 -plain, of being unable to sleep after
 spending an evening at a dance, but
 owing to fatigue reducing the system below
 the sleeping point, but I never met ^{the} with:
 an instance of an inability to sleep
 after the labor of ^{even the} ~~harvest~~ ^{field} itself. From
 this fact, it would seem, that heaven
 was less unkind to us in the Curse
 of labor, than we are unkind to



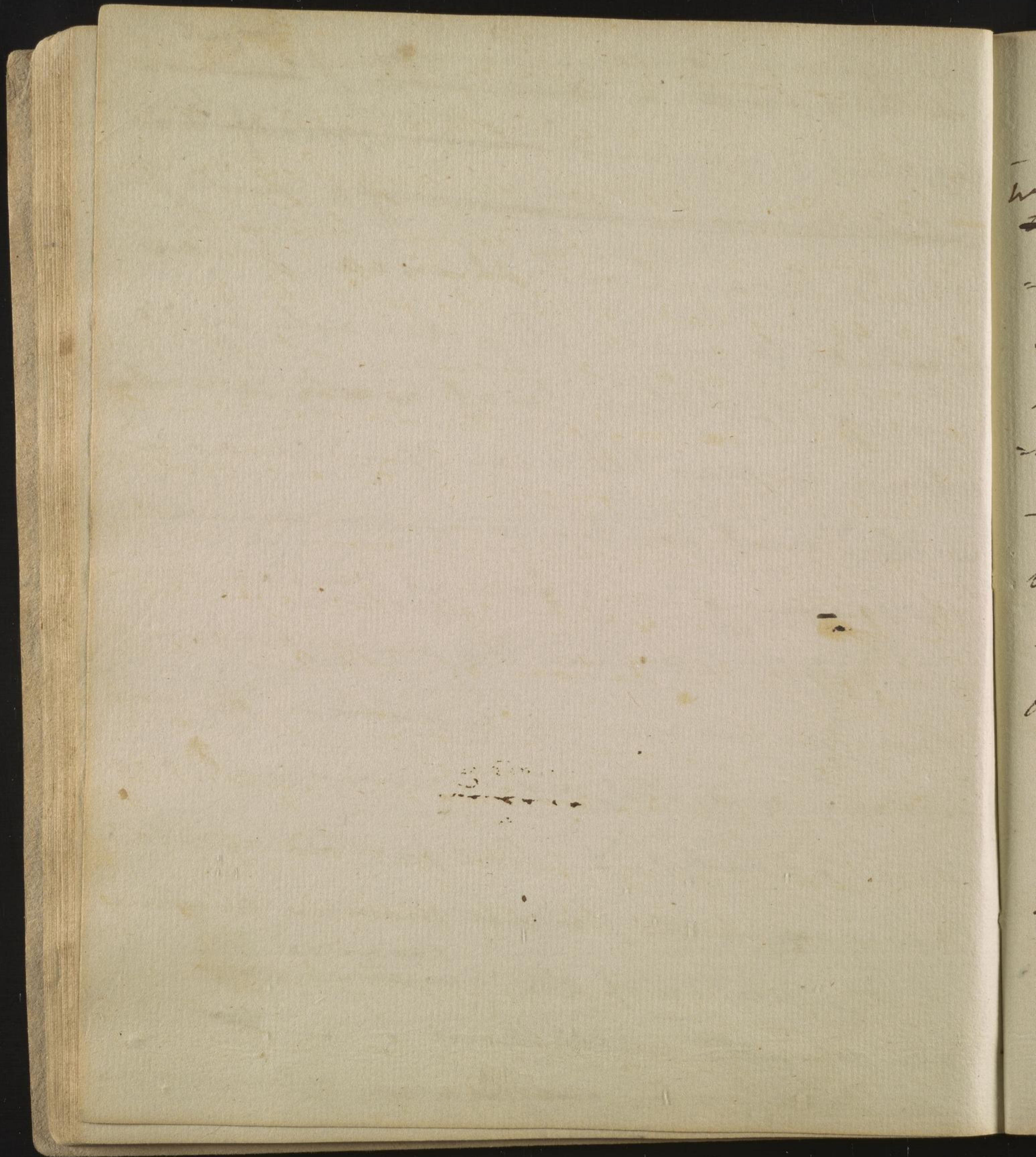
ourselves in our Attempts to extract
a blessing from our pleasures. —

2 Amusements are hurtful, ^{especially to women} from the
violence that is done to the system by
standing an hour or two before a looking
glass, ~~and~~ sitting the three hours con-
sider the hands of a hair Dresser & frequent-
ly in a cold room. — also from the
change of Dress - ~~often~~ most commonly
from a ~~thin~~ ^{thick} to a ~~coat~~ ^{thin} one, in order
to favour ~~an~~ elegance & create in
the shape of the body. —

3 They are hurtful from the crowds
which are often herded together in
one room, where the air is soon
vitiating by breath & candles. From

Let not this fact be used as an
argument in favor of the Influenza
spreading by Contagion. To suppose
a Catarrh can be produced by but
one remote cause, is as erroneous
as to suppose that a pleurisy can
arise only from Cold. We see it from
Gout - from the measles - the smallpox
& even from Wounds & Contusions
of the breast. -

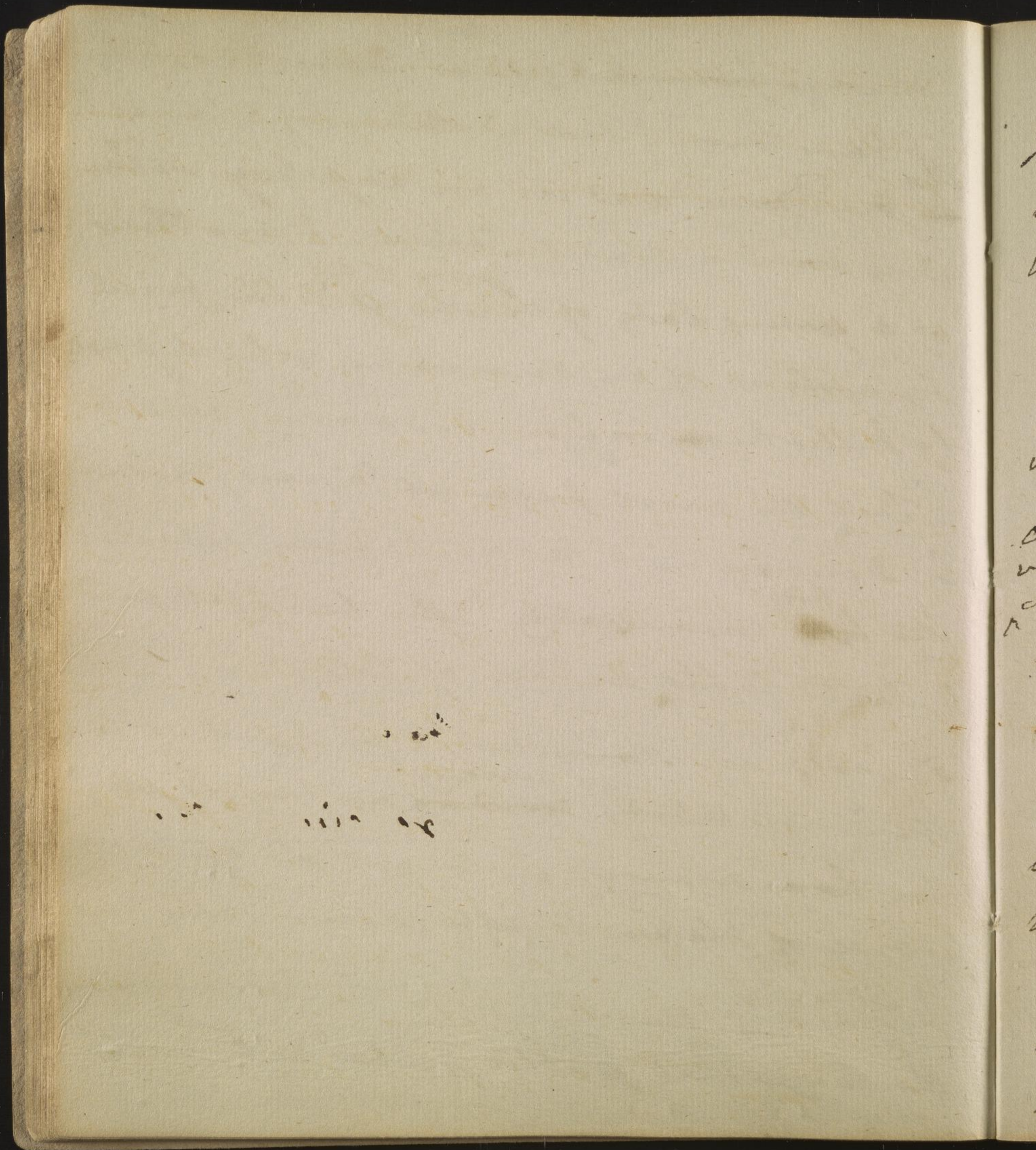
this circumstance, ^{miasma} ~~is~~ ^{respect} ~~by~~ ~~the~~ ~~cause~~ ~~a~~ ~~contagion~~ ~~I~~ ~~believe~~
 are often engendered ~~which spread~~ ^{which create,}
~~in the form of a mild pre-~~
 -eise of Catarrh or Influenza. I was
 first led to make this remark by ob-
 -serving that these local ~~city~~ catarrhs
 seldom appear till near Christmas w:
 is the signal for the commencement
 of giving - and feeding parties in
 all cities, and that the more frequent
 these parties are in a winter, the more
 certain, and the more universal are
 these Catarrhs. ✓ But further - public
 amusements produce diseases according
 to the nature of the ~~exercises~~ ^{exercises} which
 are blended with them. ~~✓~~
 1. Dancing by ~~overheating~~ often produces



disease from fatigue or ~~indirect~~ debility.
 - I have known one instance of a man
 who ~~to~~ drop down dead in an apoplexy in lea-
 - ding down a country dance, & another
 of a young lady of 14 ^{years of age} who felt the first
 symptoms of an aneurism which finally
 killed her in from the same cause.
 - But the most frequent disease produced
 by dancing is a Catarrh from exposing
 the ~~body~~ ^{body} immediately after being fatigued
 & heated to the action of cold air. -

5 Cards are stimulating, or sedative to
 the mind & body ^{according} ~~according~~ as people play
 for ~~loss~~ money, or to get rid of that
 worse of ^{all} pleasures to idle men - called time.

6 The Theatre acts upon the body in all
 the ways that public parties act, with



with the following additional circumstance.

It disposes to nervous diseases. This ~~has~~
 appears from some facts lately published by a
~~German Author~~ ~~who~~ ~~proves~~ ~~late~~ ~~ly~~ ~~by~~ ~~a~~ ~~German~~ ~~Author~~

who proves that nervous diseases have
 ever kept pace in all large cities with

theatrical entertainments. I believe
 it, because I think the fact may be

easily be accounted for. Lacedius excite

^{virtuous} Sympathies - but they never to prompt

^{virtuous} to Actions. we admire - we lament

& even weep over suffering Virtue, but

we sit still in our ^{seats} ~~seats~~ & never

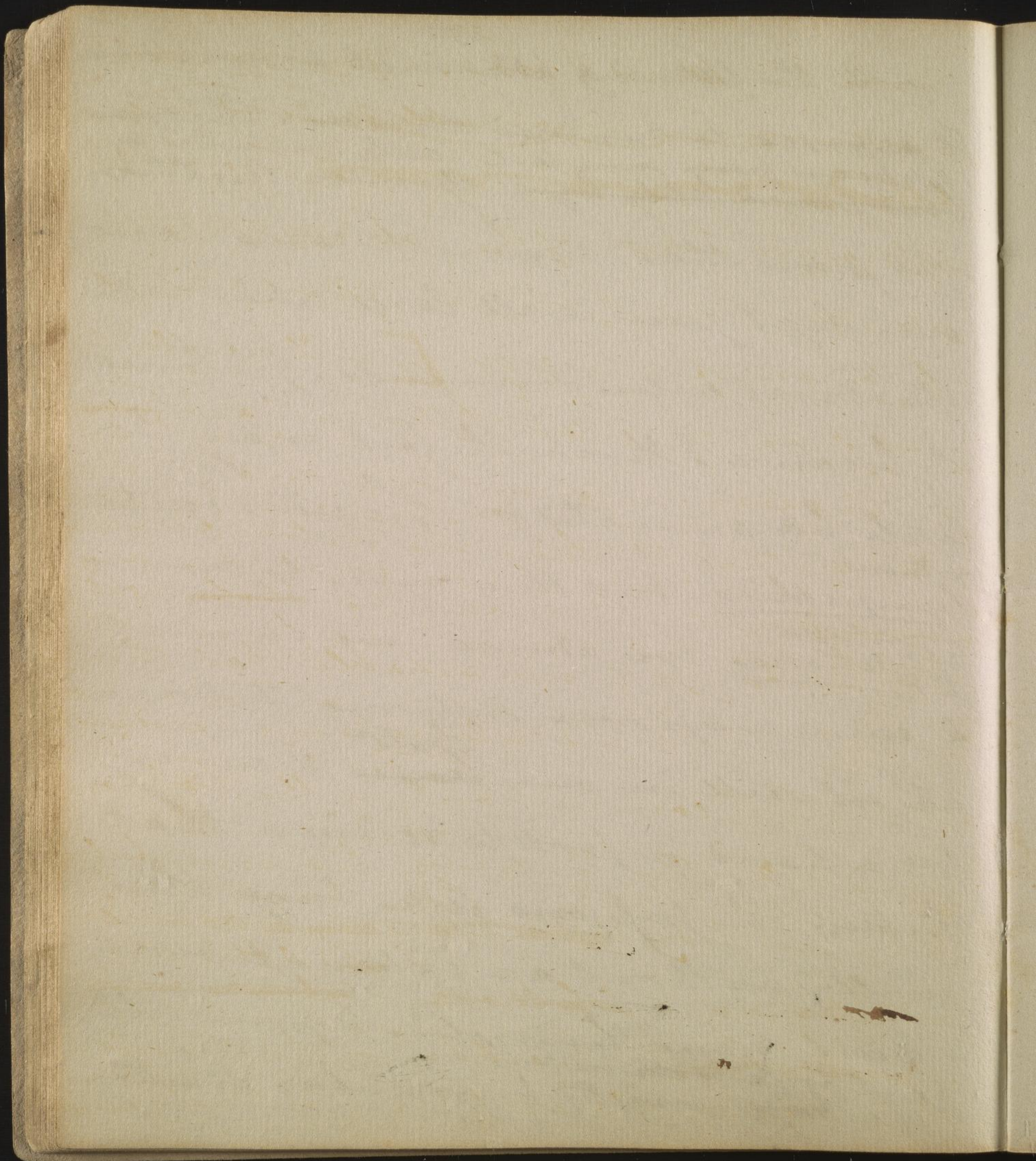
lift a hand or foot to relieve that

Virtue. The passions after being thus

swelled, without an external vent,

- revolve upon themselves & pour all

their ^{force with in an} ~~force~~ inverted & irregular direction



upon the Mind & body. ~~The people~~
~~mentioned come remarkable part of the~~
~~effect of the trial of~~ From this
 retrograde action of the passions men &
 women have often fainted at the ex-
 hibition of a tragedy. I will recollect
 that I was so agitated after seeing the ~~character~~
 of King Lear performed by a masterly
 Player, that it threw me into a fever
~~the~~ ^{for several hours during} & kept me awake the ~~whole~~ night
 afterwards. It is remarkable that the
 distress which we relieve, never produces
 any such commotions in the body or
 mind. On the contrary, the mind feels
 like the body ~~after the~~ ~~operation~~
~~operation of a phlebotomy~~ after the
~~operation~~ abstraction of the stimula-
 ting degree of heat by a northerly breeze

✓ The violence which is done by the System
by suppressing the emotions of Sympathy
excited by tragedies, may be easily be conceived
by their effects upon vulgar & ignorant
persons who are strangers to the habits of
restraining their feelings. Stories of Highland
Emachetta & sailors & Lord Grey.

The frequency of homicide in Eng^d
has been ascribed to the ^{partiality} ~~partiality~~ of
Englishmen for tragical representa-
-tions upon the Theatre.

on a summer evening. In the state
 of the system which has been described in
 beholding a Tragedy, ~~we feel~~ the mind and
 body suffers as much by the ^{resuscitation} ~~dramatic~~
~~representation~~ of the passions, as the body
 suffers by the sudden retention of ^{the} ex-
 cretions ^{of urine or feces} ~~which~~ After the exhibition
 of diuretics & purges. — V

It is alike foreign to my professional
 disposition to say any thing of the morality
 of the Stage in this place — but one
 thought obtrudes itself upon me, viz:
 is so nearly related to a principle ^{ch} ~~there~~
 often inculcated in medicine that I
 hope I shall be excused in menti-
 oning it.

Tragedies it is said promote sym-
 pathy — Charity & benevolence. I deny

Thus persons who are in the ^{Daily} habit
of drinking Ardent Spirits are unable
to ~~feel~~ the relish of small beer, or even
Madira wine.

the truth of this assertion. The distress ^{ch} is
is exhibited in Tragedies is so far beyond
what occurs in real life, both with res-
pect to the rank of the persons who suffer,
& the degrees of their sufferings, ~~that~~ that
it ~~pro~~ excites impressions upon the
mind ^{so violent & acute as to} ~~which~~ under it ever afterwards
more or less insensible to the less violent
impressions of Natural & humble distress.
That this is the usual effect of Tragedies
upon the mind, I infer, not only from
the truth of the principle which has
been delivered, but from ~~many~~ observa-
tions made upon persons who are most
devoted to stage entertainments. The
Lady who will weep & sob for an hour
over the sorrows of a Jane Shore, or

✓ That stage entertainments such as I
have described do not soften the heart
or dispose ^{it} to virtuous sympathy. I infer ^{further} from
from an event which took place in
2nd evening. ~~Two days after~~ ~~two days~~ ~~after~~
~~our city~~ ~~lost~~ ~~two weeks~~ ~~of our~~ ~~lives~~ ~~by~~
~~our~~ ~~bearing~~ ~~loss~~ ~~of~~ ~~nearly~~ ~~100~~ ~~valuable~~ ~~lives~~ ~~by~~
after the news of the ~~last~~ ~~conflict~~ ~~between~~ ~~the~~ ~~Union~~ ~~and~~ ~~the~~ ~~Confederacy~~ ~~of~~
the theatre at Richmond ~~on the 24th of Decem^r 1811.~~
~~At that~~ ~~reached~~ ~~our~~ ~~city.~~ ~~that~~ ~~on~~
~~some~~ ~~when~~ ~~millions~~ ~~of~~ ~~the~~ ~~representa-~~
that very evening when the representatives
of our whole nation were by
an act of our government putting
on mourning for the ^{Dead} ~~Deceased~~, and when
thousands in every part of our country
were weeping in secret for the ^{Son} ~~prisoners~~
of the living, two ^{of} our theatres were

A Lord Essex will often deny her servants
 the necessities, ^{of life,} ~~and~~ ~~to~~ ~~hear~~ with-
 out emotion the tale of a family ruined
 by fire, or war - and drive a halp
 clad & shivering beggar with haughty
 indignation from his door! -

There are Amusements of another
 kind, which are pursued in a more
 solitary manner, which dispose to
 many diseases. -

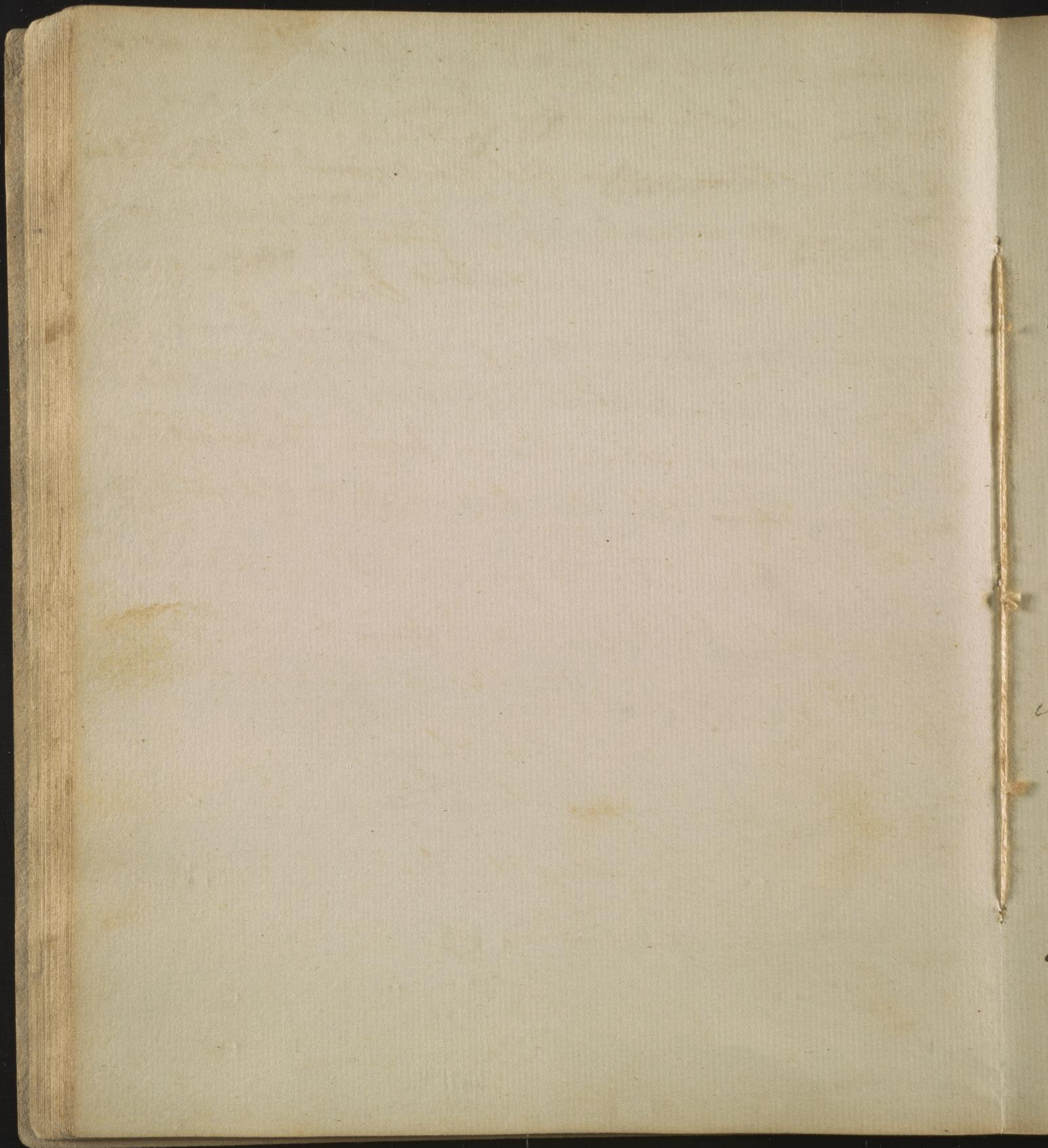
Many of the Sports of boys produce
 broken & dislocated bones, & dispose by
 their excess to fevers of every kind.

The Amusement of Hunting, lays the
 foundation of many diseases; by the
 indirect debility produced by violent &
 long continued exercise ^{whether in} ~~by wet feet~~
 riding or walking. 2 by the long continued

= crowded with the lovers of the Drama,
that and one of them so such a degree
as not ^{to receive} ~~admit~~ several hundred persons
who applied for admittance into it. ~~there~~
Jan^y 6. 1812

Action of Cold or Heat or the Alternates
 Action of both on the body. 3 by wet
 feet. 4 Thirst - 5 The morbid stimulus
 of a full meal, after the system has
 been rendered excitable by ~~danger~~
 - cold - or fatigue. - ~~It~~ Some of
 the most acute & dangerous fevers that
 I have ever seen have been brought
 on by ~~this~~ the amusement of hunting.

mentioned formerly a case of
 Hydroceph. internus ~~from~~ in a boy
 from standing on his head. -

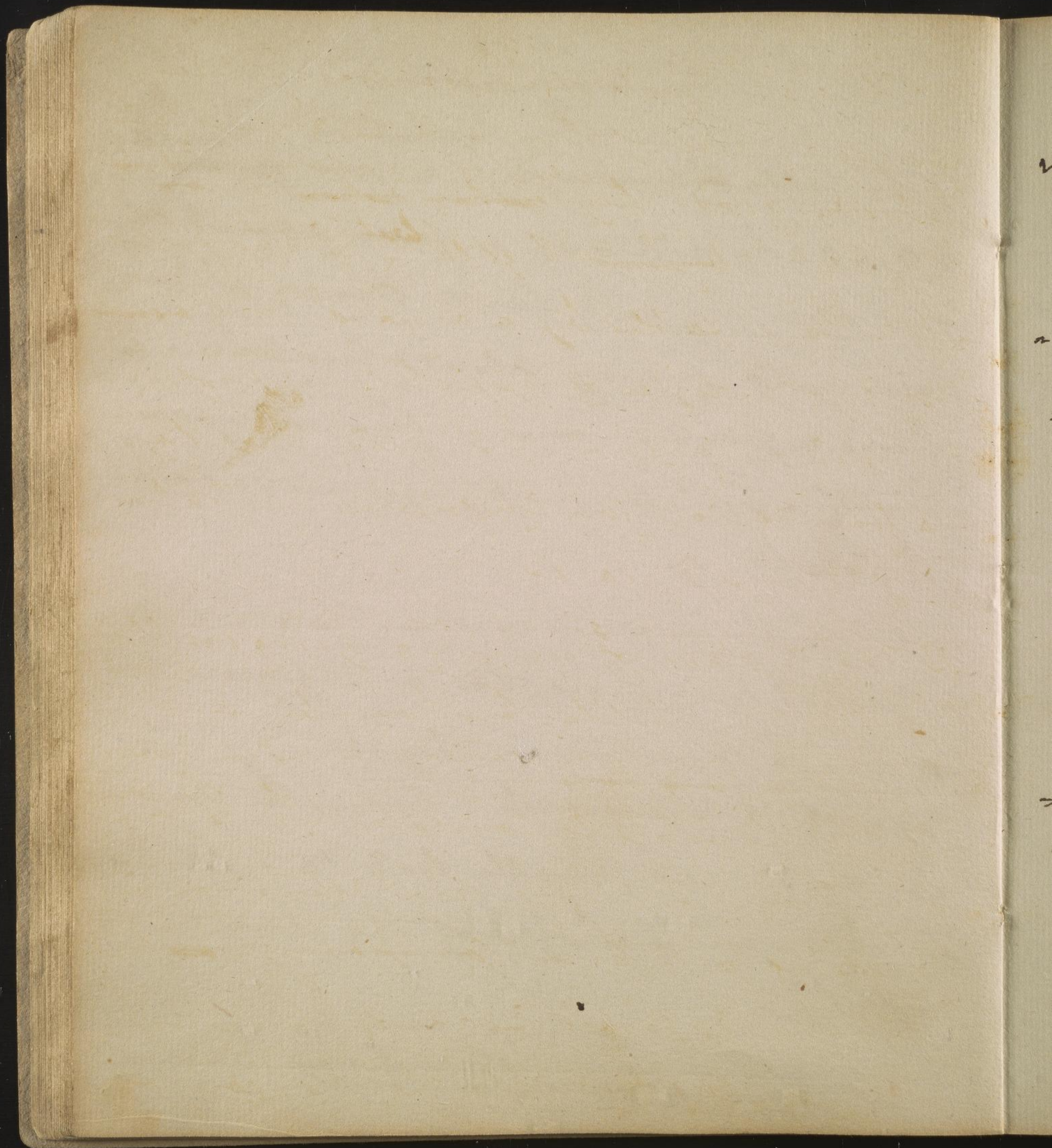


Peuliar Customs

The folly & ~~madness~~ ^{or Superstition} of a few ~~people~~ ^{people} elevated by accident or force above the rest of mankind have given a currency to many absurd Customs ^{which} have a pernicious influence upon health. I shall briefly enumerate a few of them. —

1 Drams in a morning. These were introduced originally as anti-fogmatics in Damp countries. They destroy the tone of the Stomach — suppress the Appetite for food — and finally lead to drinking Spirits every hour of the day & night.

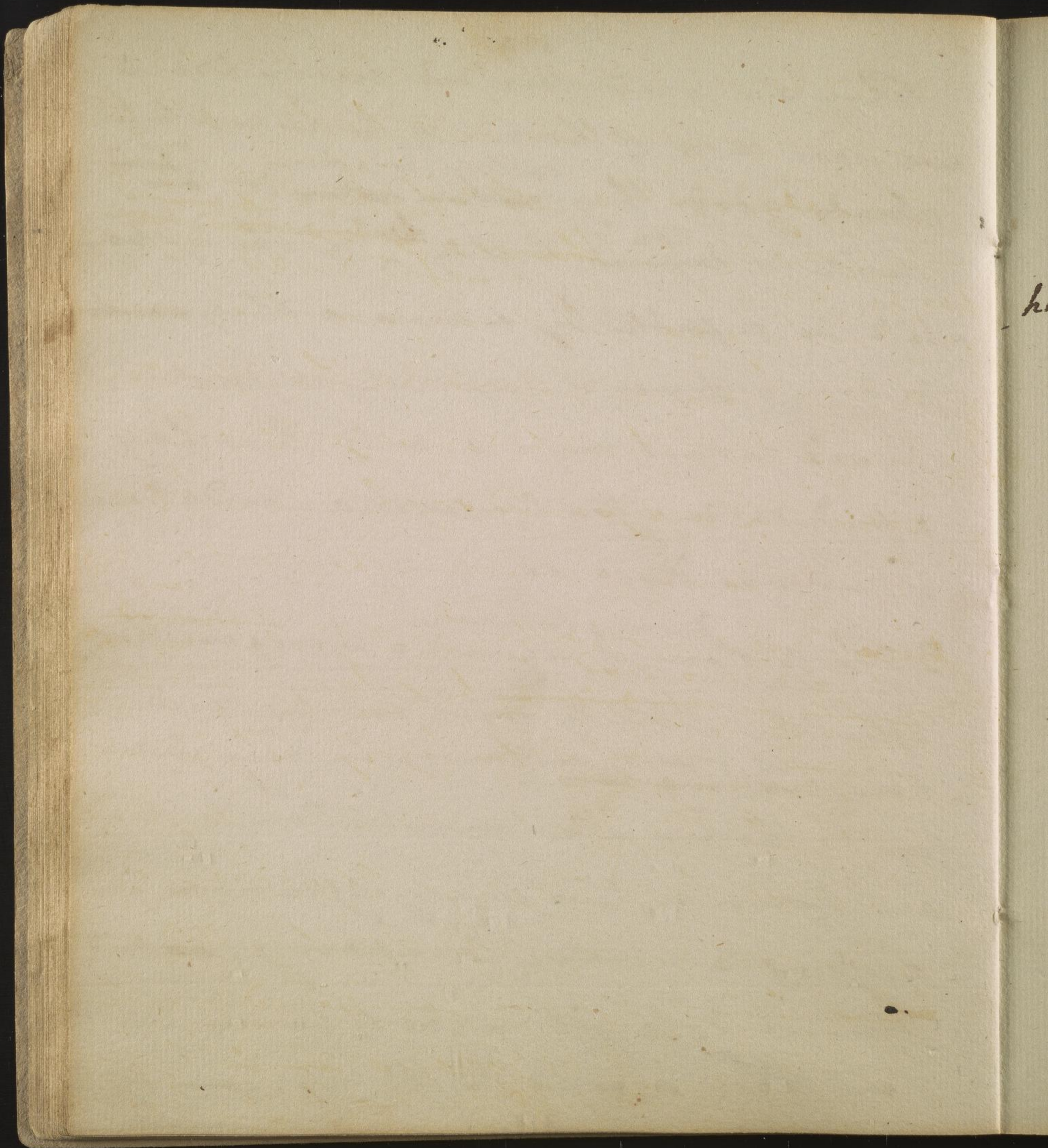
2 Taking Wine & Bitters before Dinner.



They are improper in every view we can take of them. If the appetite ^{be} already good - they ^{either weaken} ~~either destroy~~ it, ^{or} ~~or~~ excite it ^{too} ~~too~~ highly ^{but} If the Appete-
 -ite be enfeebled by a disease, they ~~excite~~
 produce a degree of appetite disproportion-
 -ated to that disease, and thus lay
 a foundation for Dyspepsia - and a train
 of nervous Diseases. -

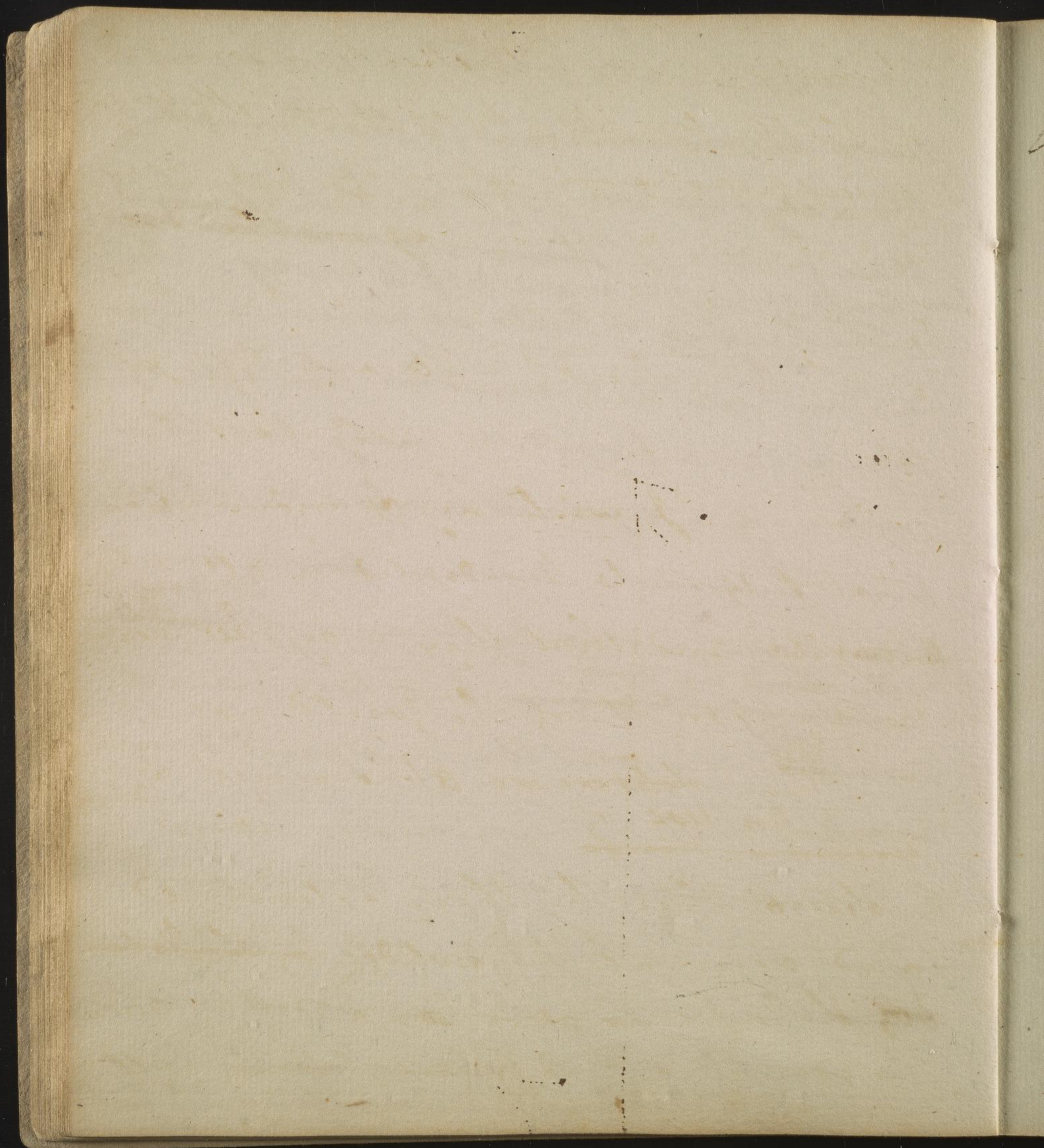
3 The Custom ^{among women} of receiving lying in visit.

After the debility lost on by parturi-
 -tion, ^{it must certainly be very injuri-} ~~restoring~~
 -ous to the female constitution to spend
 an hour or two every afternoon in
 dressing to receive company, ~~and~~
 afterwards to sit in 3 or 4 hours in
 one place exposed to the danger of



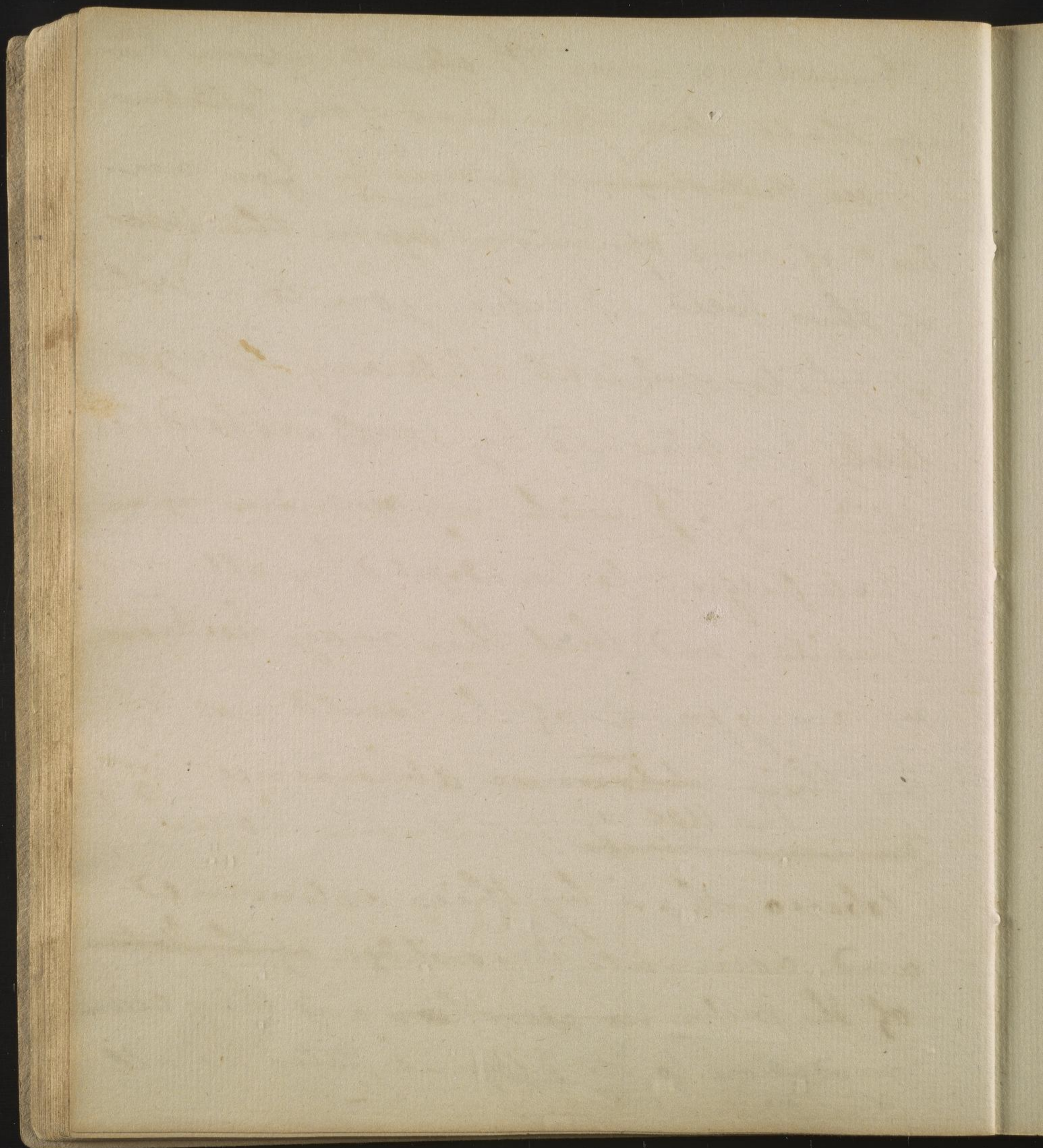
15, or 20 female voices, all charged w.
news disproportioned to the strength of
the Lady's system who is the subject of
these visits. — ~~This fashion~~ ~~has~~ ~~been~~
has been a great measure ~~passed~~ away.
4 The Ringing of Bells at funerals. This
Custom was introduced in the ages of
superstition — as a signal to pray for the
soul of a departed soul. It is high
time to banish it from protestant
countries, not only because ~~it does~~
~~the dead no good~~ ~~it does~~ ~~it does~~
~~it does~~ ~~it does~~ ~~it does~~ but because it
does ~~the~~ ~~rich~~, and the low spirited people
much harm. —

5 But all these Customs Absurd, and
injurious as they are, are limited in
~~their~~ their influence, compared with
the general use of Tobacco in the
chewing — Smoking — & Snuffing. [A few

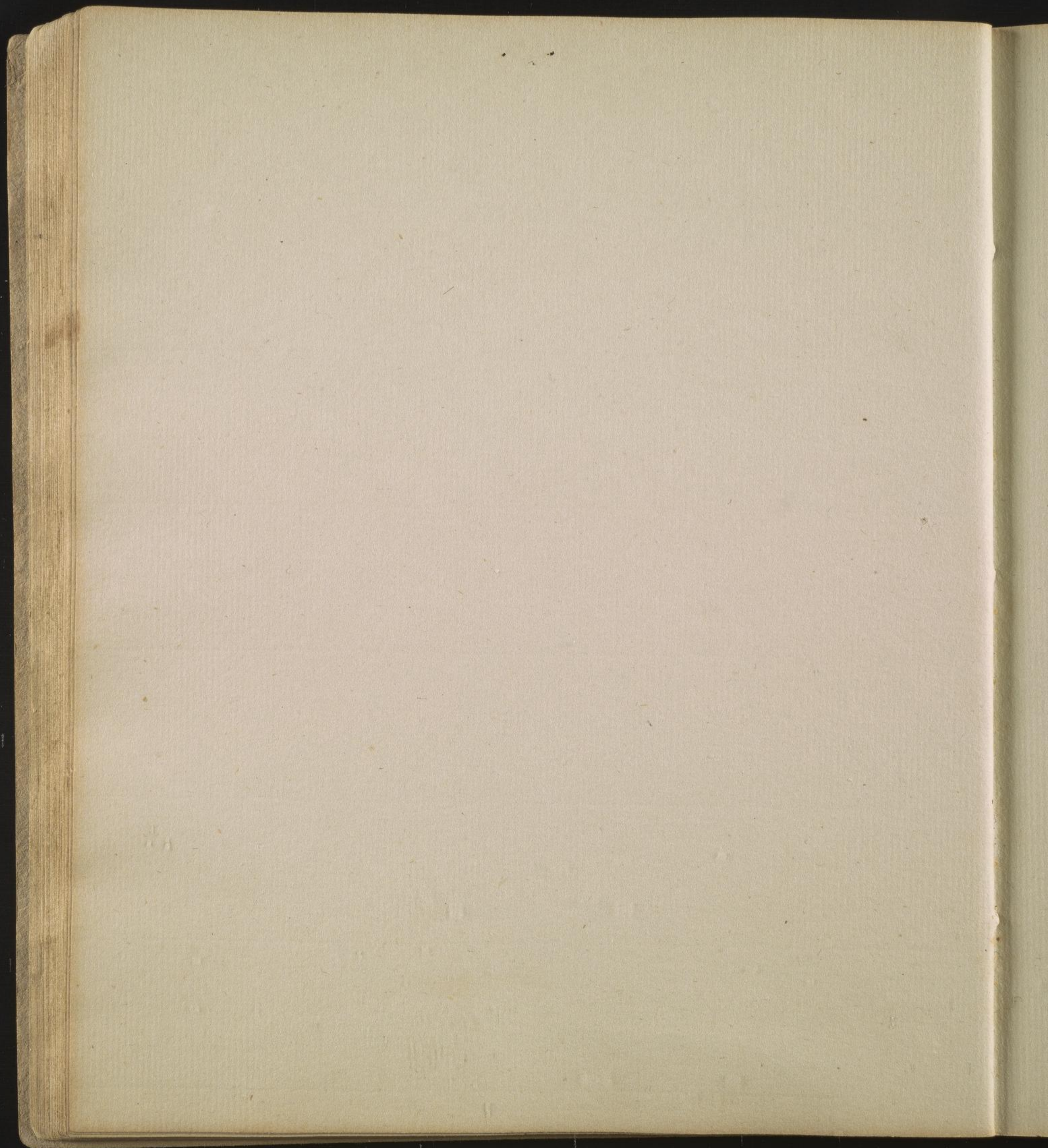


Observations upon its effects upon the
body shall close this head of our syllabus.

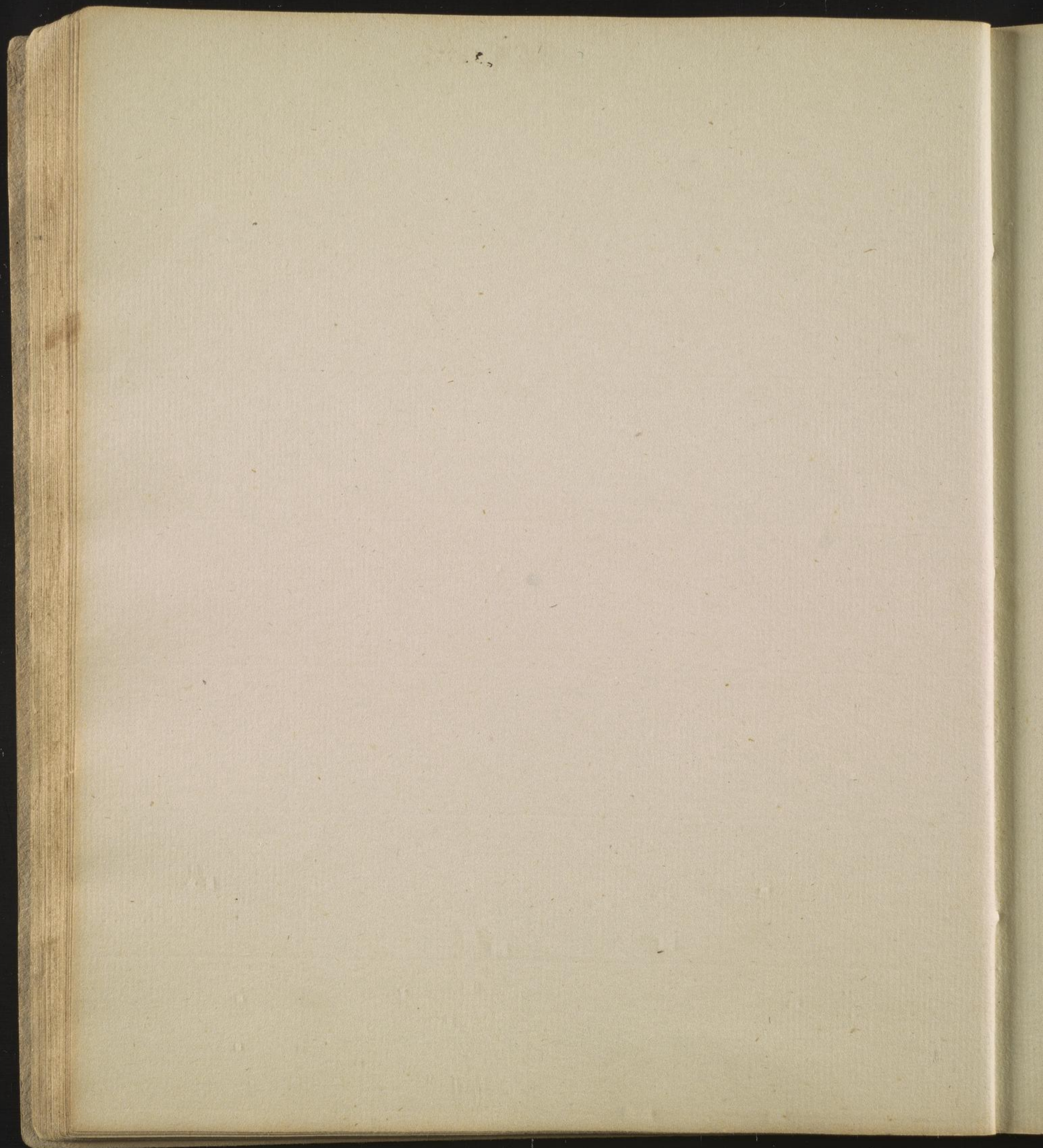
see Pathological Lectures I for an
out of my opinions upon the use
of this weed, I refer you to a vol.
of philosophical & literary Essays
lately published by Mr Bradford in
this city. I wish my opinions upon
that subject to be adopted by all my
pupils, and that they may be known
in every part of the world not less
by their ~~abhorrence~~^{not} abhorrence of
~~the use of~~^{the use of} spirituous liquors &
~~drunkenness~~^{drunkenness} tobacco, than by their extensive
and accurate knowledge of the state
of the pulse ~~is at other~~ and their accom-
modation to its different states in all
their prescriptions.



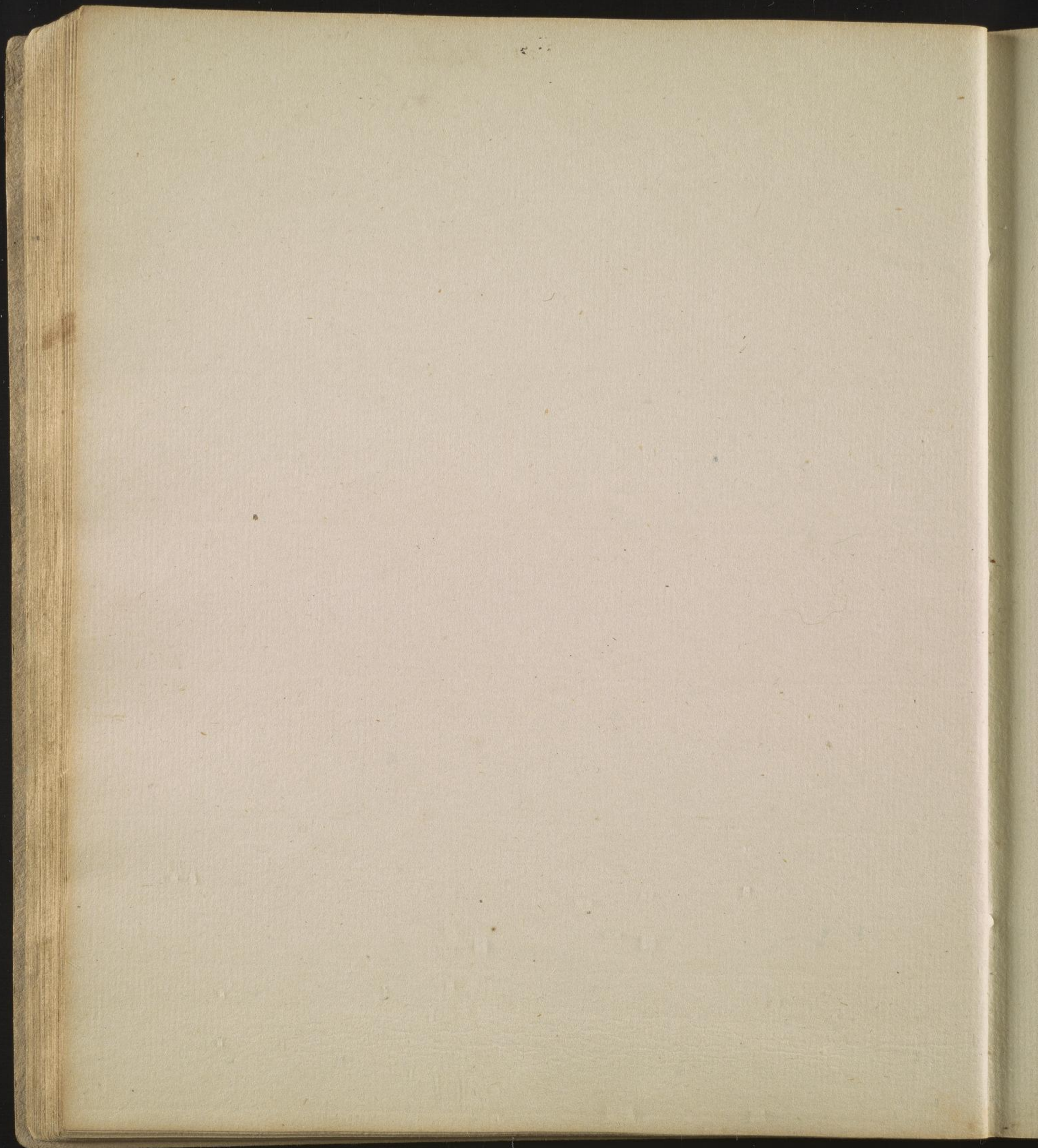
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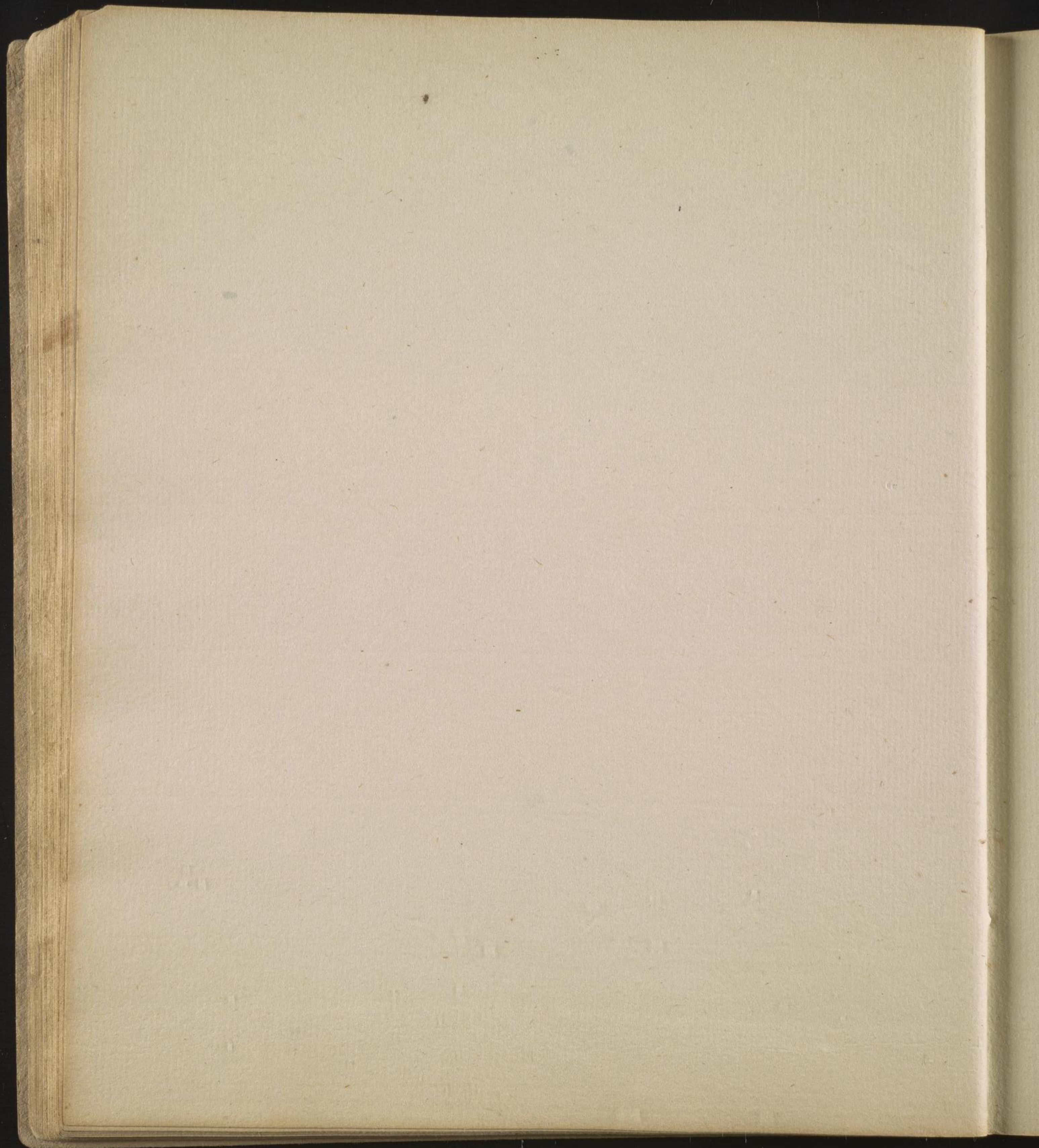
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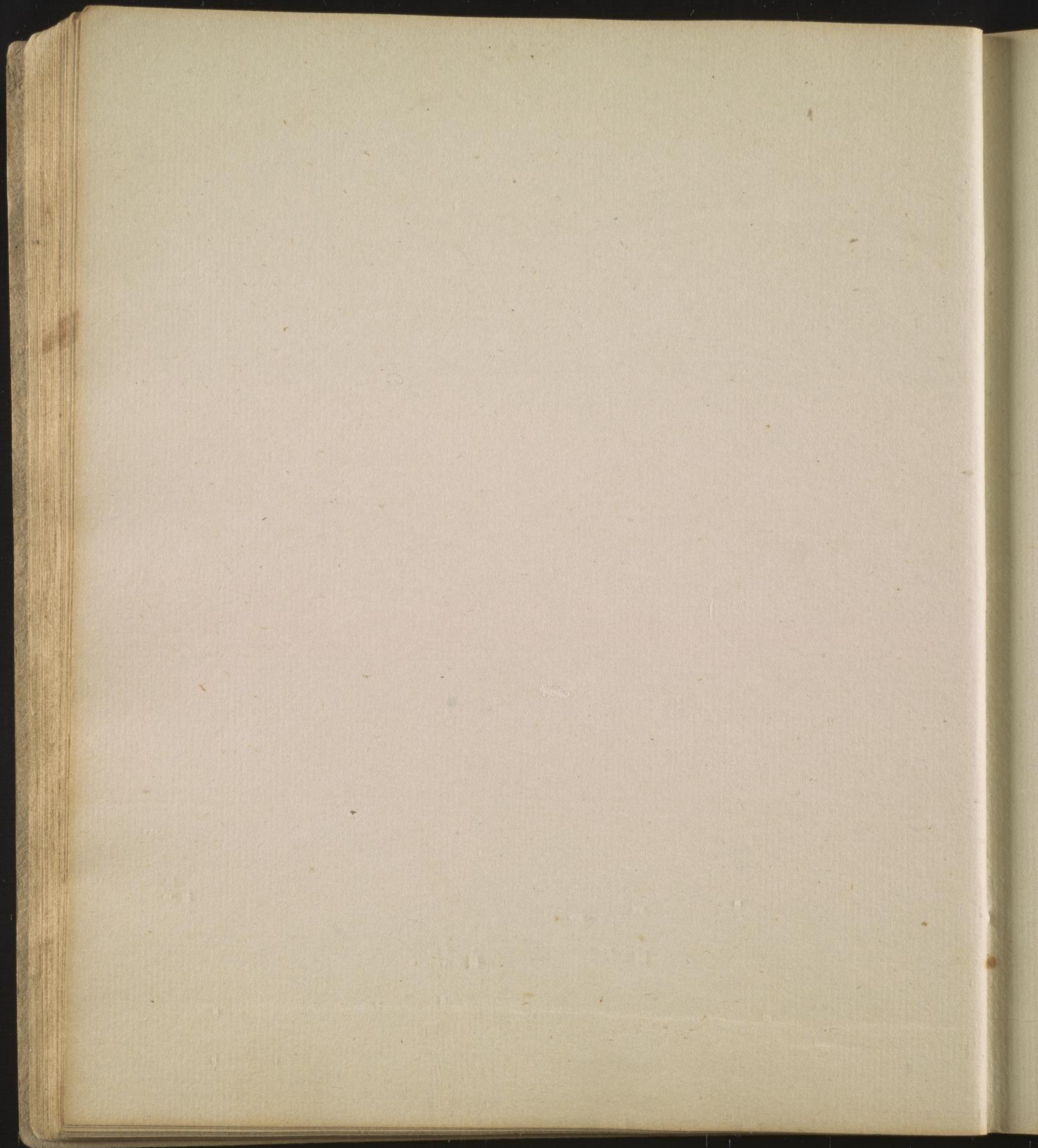
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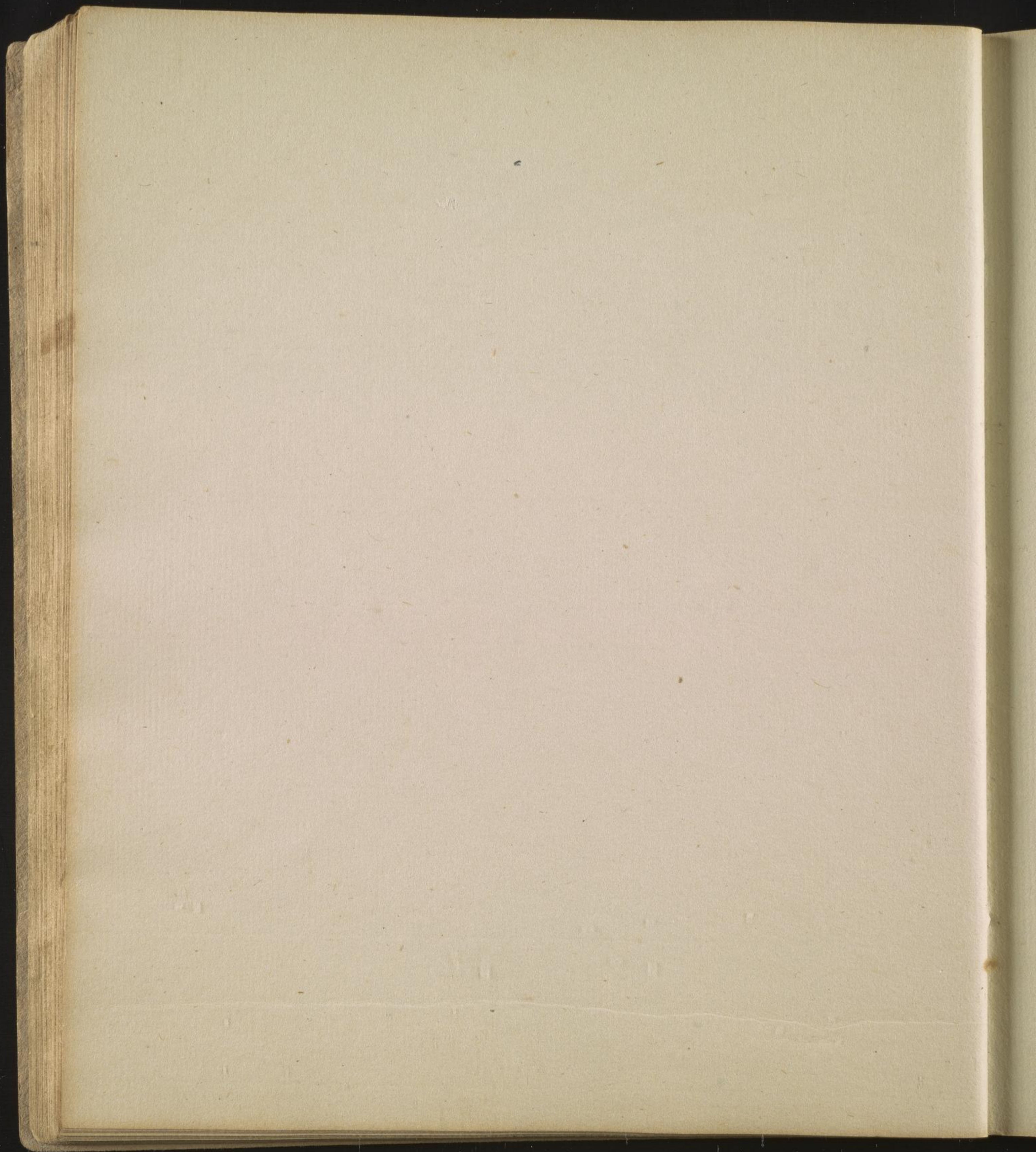
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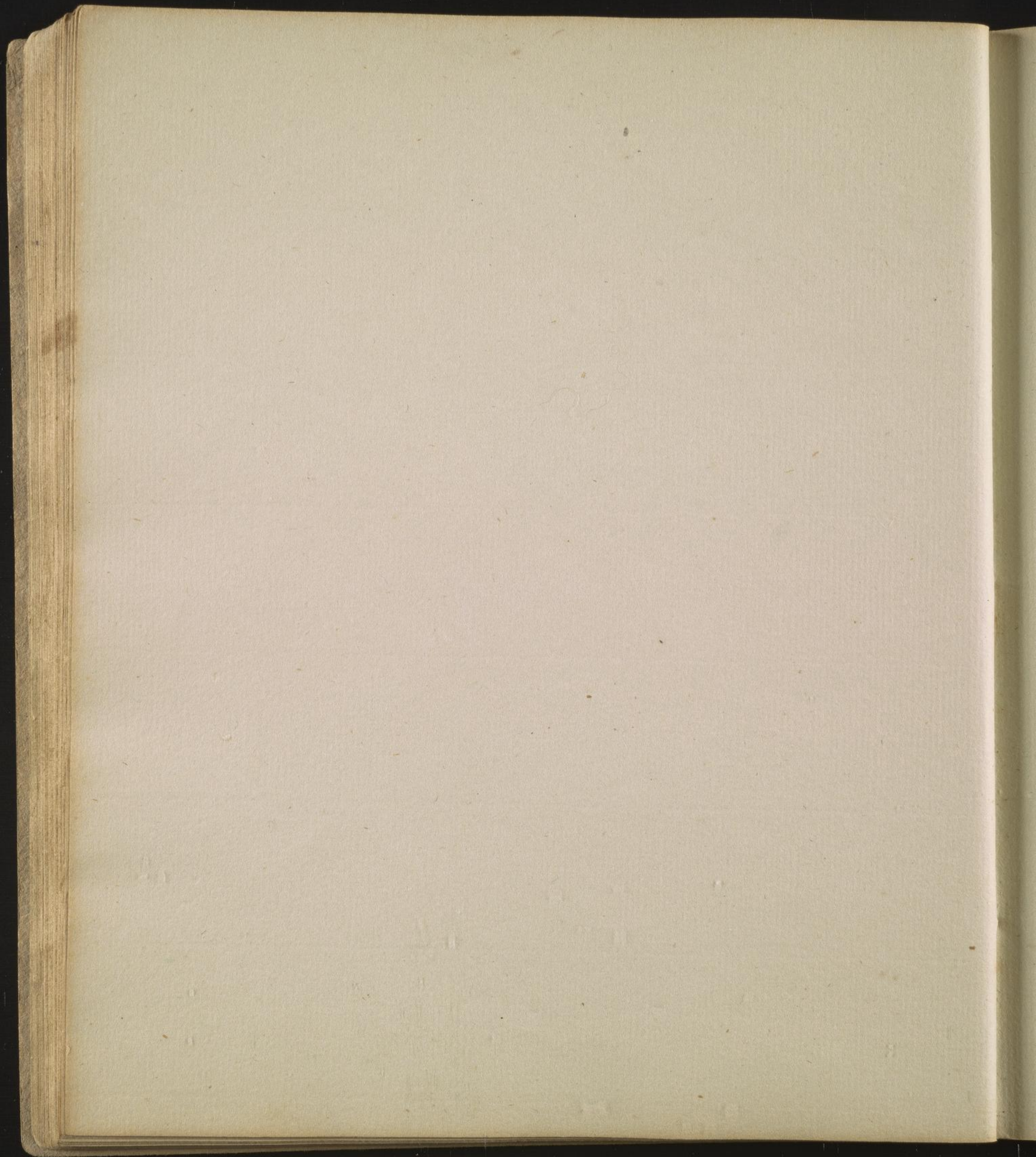
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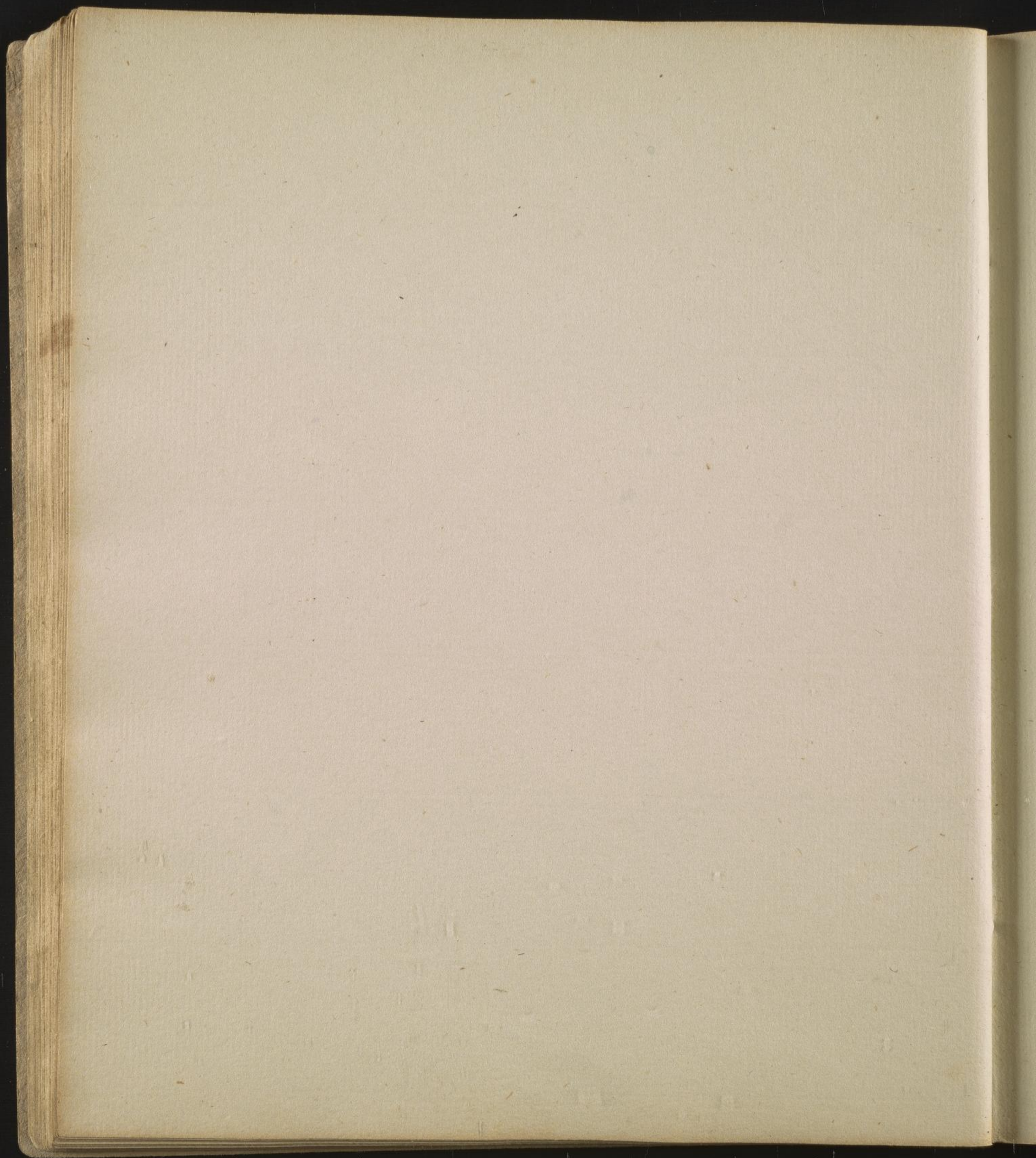
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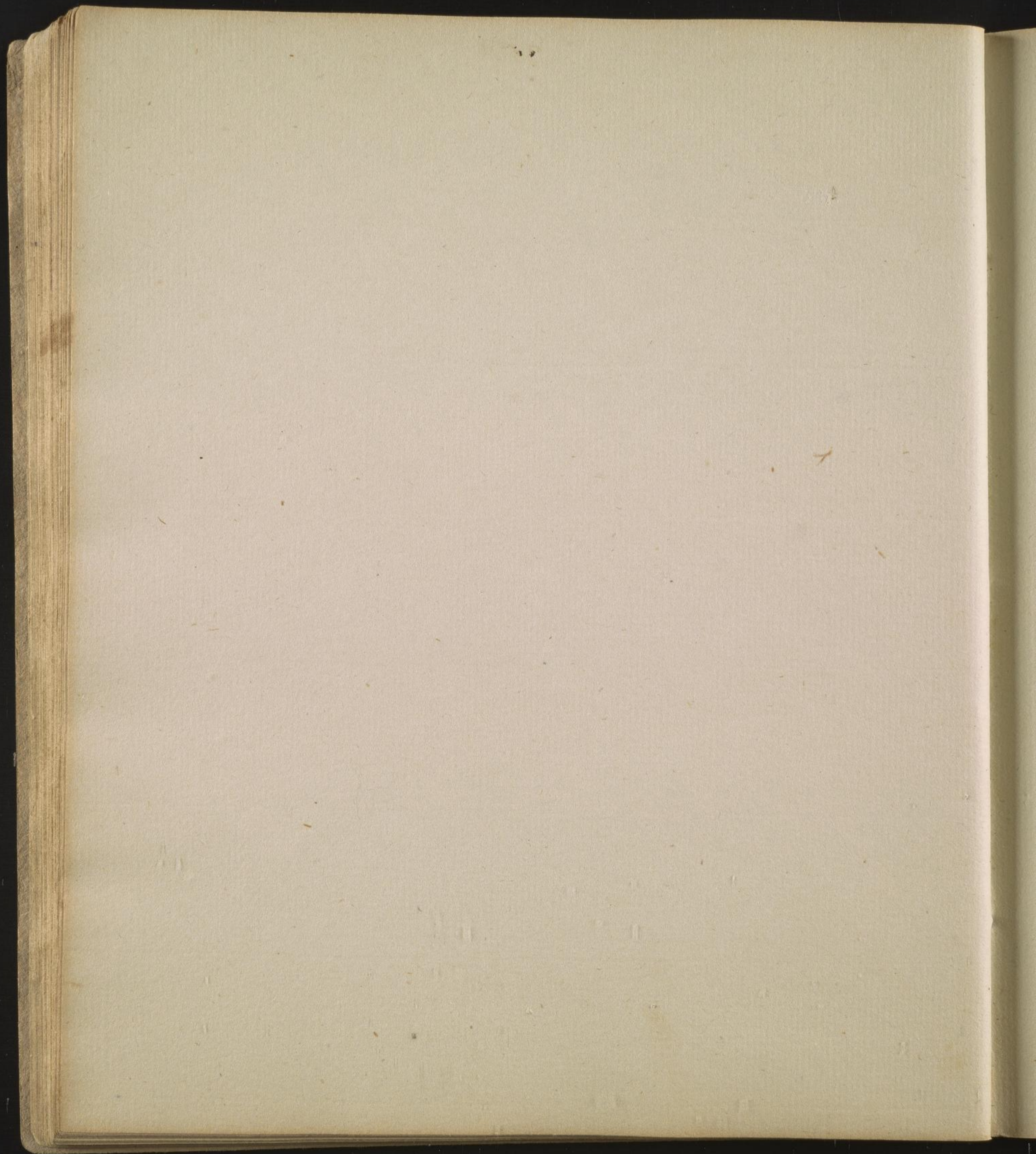
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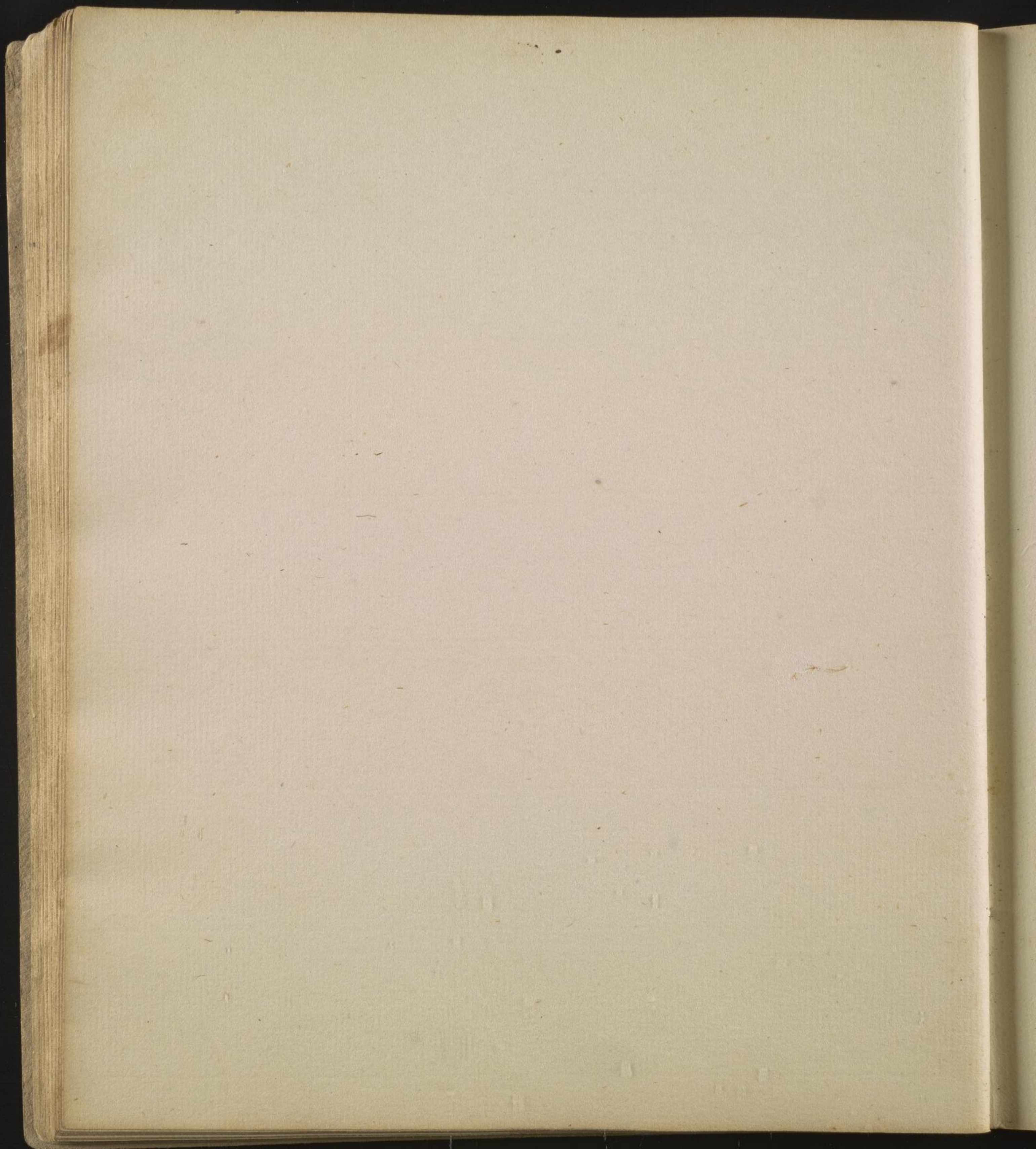
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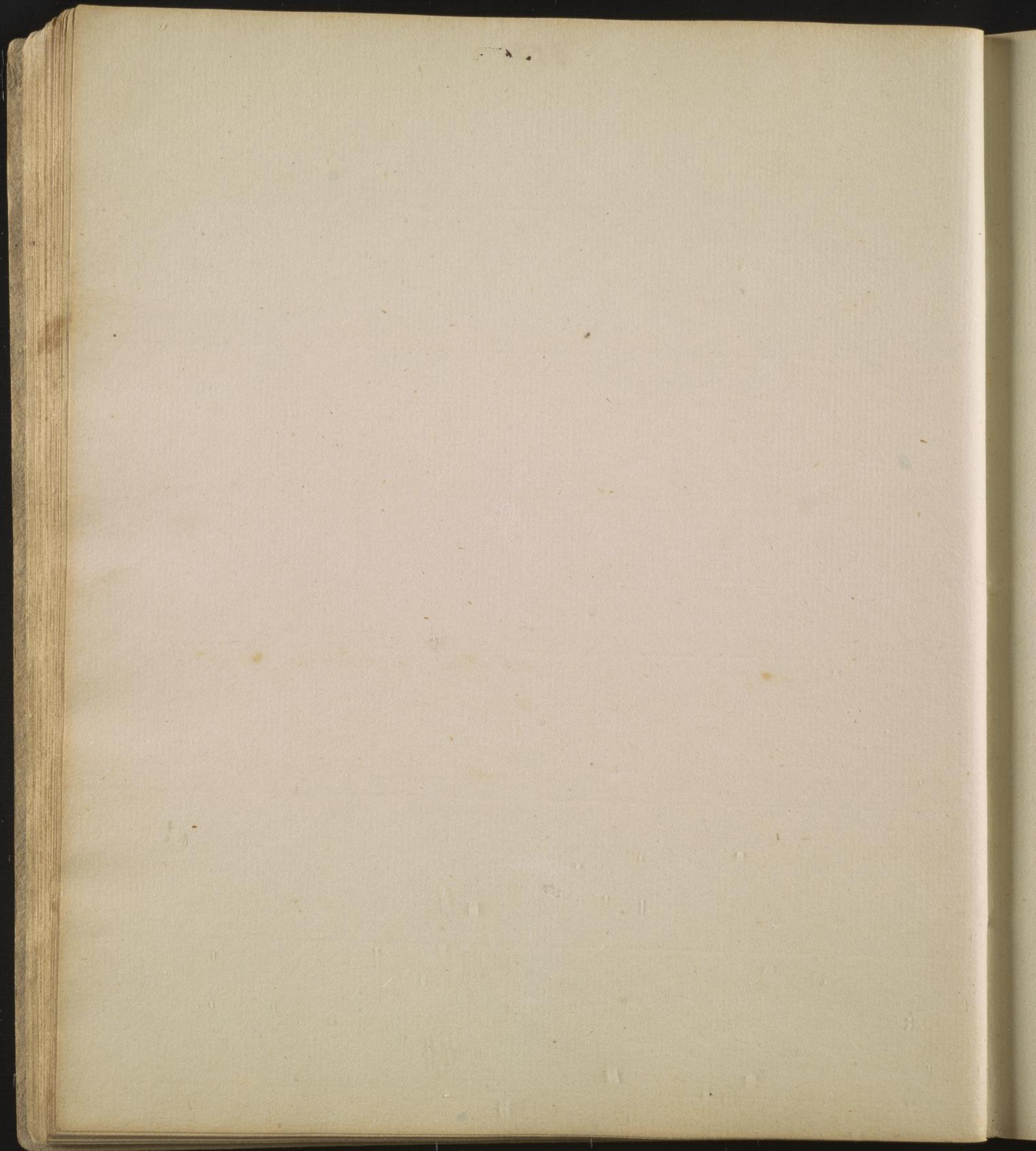
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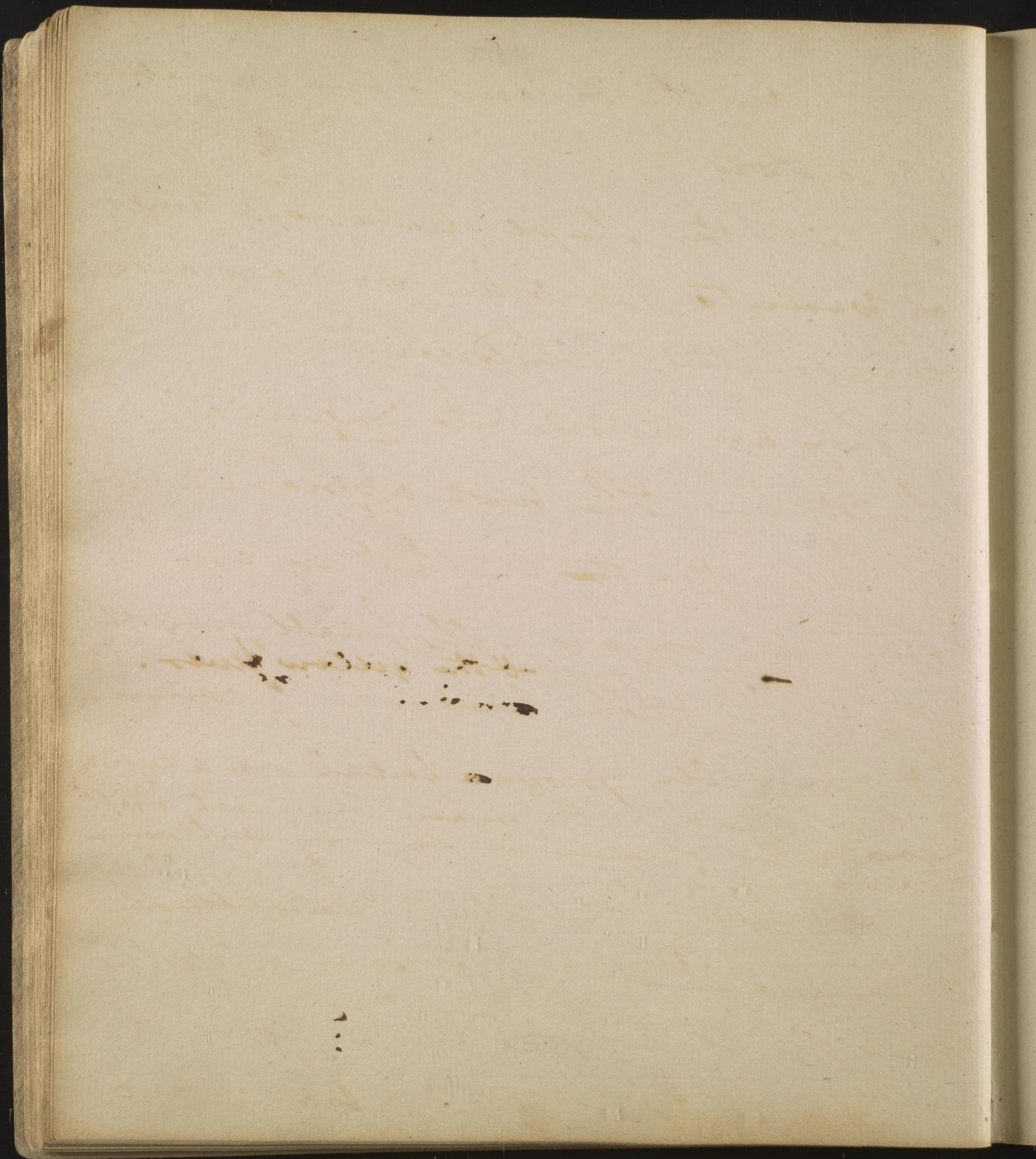
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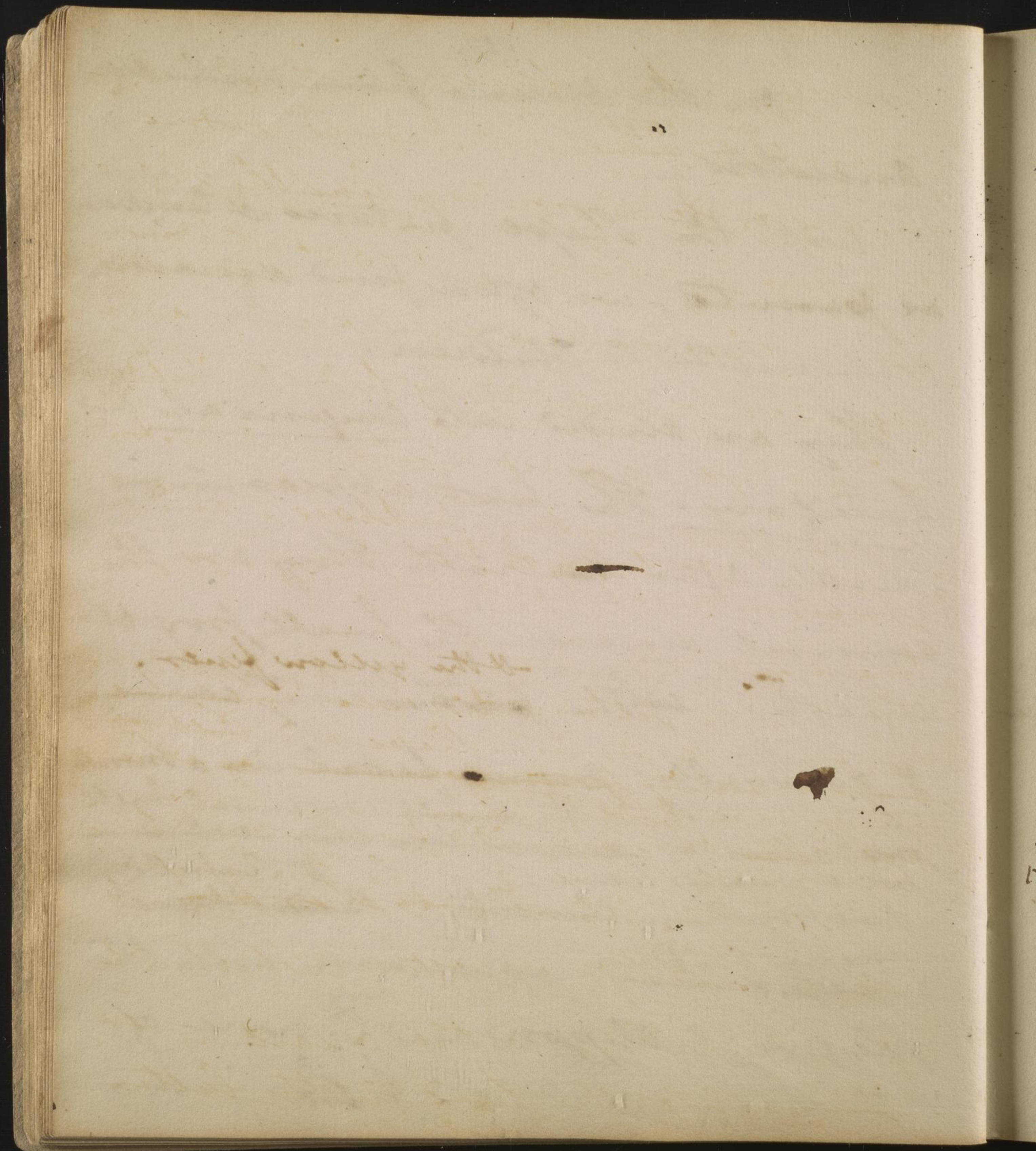


On the Diseases from unhealthy
ancestors.

With the shape, features, & temper,
 of parents, we often find diseases
 transmitted to children.

They are divided into congenital &
hereditary. The first appears imme-
 diately after ~~the~~ birth. They are the
 venereal disease - the small pox &
 the plague - & the yellow fever.
 measles. ~~of the first~~ ^{two last are} very common,

& generally prove fatal in a month.
 Instances of ~~each of the~~ ^{of the small congenial small} ~~two last have~~
 not & measles have ^{Dr Russell says}
 happened in this city. Besides these
 many children were born with the
 3 ~~diseases~~ plague at Aleppo, and y: none of
 them survived it. I have no



proofs of the influence being a con-
-genial dis^{ease}order, but I could produce
many of its disposition like the plague
to produce abortions in pregnant women.

Besides these diseases, there are many
congenial deformities of body in children
as hair lips - crooked limbs - misshapen
arms - and urinary passages - and a
preternatural ^{State of the} ligament under the
tongue.

The hereditary diseases ^{depend} ~~may be~~
upon two things viz - shape and ~~both of~~
~~disposition~~ ~~transmission~~ ^{of which}
are often transmitted from parents
to children, ^{by the consumption} ~~and a~~ ~~into these~~
- the women are often influenced by
a peculiar shape of the breast in the
former, & of the head in the latter

+ It has been remarked that a ^{to children} ~~farmer~~ of the
eyes & forehead in children, often exposes them to be
heirs of this disease.

✓ One a black boy 8 or 9 years of age
Jan^y 1799.

In addition to the hereditary diseases that have
been named, there are ^{Hemorrhoids, Rheumatism, Gout, head ache - Colic,} ~~some~~ others viz. Dropsy &
Scrophulous ^{Scrophulous} blindness, & sores legs and high lips - four
in one family in Bucks County.

[F. J^r. Hilyard in Pennsylvania: hospital Dec^r
1806 - aged ~~about~~ ⁶⁸ 68. father & two Brothers
all but one above 60
I have ^{known} Blindness to descend thro' several
generations in old age. See also in
James Smith's family only between 60 & 70

case. They more certainly appear
in children when they are connected
with the ^{pre-dispositions} ~~transmissions~~ which produce
those diseases. +

Consumption is often derived
from the father - ^{but} I think I have
known madness to be derived more
frequently from the mother. - It is
remarkable that the Consumption ^{never}
appears till 20, or 21 - and madness
seldom ~~till~~ before that period in which
it affected the parents. (Trait of Gout.

Montgomery) - It seldom appears before
manhood. Two instances only in our hospital.
The transmission of the Gout from
to the contrary: V
parents to their children depends ^{upon}
a mixture of an excitable nervous & Arterial
the sanguineous system called nervous
& sanguineous ^{pre-dispositions} ~~transmissions~~. It

③ Besides congenial & hereditary diseases
there what ^{I have} are called filial
~~being~~ ^{filial} ~~in~~ family diseases. These are ac-
quired by a whole family of children
~~& sometimes of servants~~ from probably
the sameness of diet - air - exercises - or
employments. I have known the Epilepsy
to affect 3, ^{the} & palpy 4 of the same family
- & a disposition to hemorrhage 5 or 6, &
~~& consumption~~ of the same family
of children ^{where neither of the parents} ~~& consumptions~~ not only
or any of their ancestors were affected
by those diseases. The Consumption in
like manner affects not only a whole
family of children in the first instance,

frequently appears in early life, and in both sexes. where it has not force enough to appear in the form of an ^{inflamm} regular Gout, it appears in ^{Dyspepsia} Hypertonia - Hypocondriasis - & sometimes ^{exacerb} in the most of the early chronic diseases - cases of persons ^{descended from gouty ancestors} in ~~general~~ life are metamorphosed hereditary Gout. a ^{less} part of the intemperance in persons thus predisposed, will bring on the Gout than in persons who have not that hereditary predisposition.

~~The Scrophulous - Leucocy & Liparic are both hereditary diseases.~~

It is remarkable that All these diseases often pass by the first and

Neuroses

One of my publications I have
 In ~~an early lecture~~ I observed that fevers
 - casualties - war - & old age were the
 only natural outlets of human life. I
 consider fevers as the only crisis
 They affect the arterial system & natural diseases. They are the offspring
 chiefly, & this ~~are~~ ^{are} the outposts of the whole
 of simple manners, and appear most
 frequently ~~in~~ among savages, or in
 the first & simple ages of society. In propor-
 tion as our advances in ^{the modern arts of} civil life,
 fevers diminish, and their places are
 occupied by venereal diseases. - 66,000 per-
 cent ^{out} of 100,000 who died in London in Dr
 Sydenham's time perished wth fevers;
 - at present the London bills of mortality
 inform us that not more than $\frac{1}{6}$
 part of that number perish with those

+ The ~~consumption~~ is ~~like~~ a modern
disease in this part of the United States. Our
V ancestors inform us that the causes which
now induce ^{consumption} ~~it~~ formerly produced only
the more acute but less dangerous diseases
of pneumonia & Rheumatism. This, must
~~be~~ be ascribed to the change which
has taken place in our manners
within the last 50, or 60 years. But ^{the} further
influence of civilization upon
diseases will appear in a stronger
light if we turn our eyes to
Great Britain. The gout ^{which} is in
this country so generally inflamed in
Britain is a fee disease of subtle action, &
~~confined chiefly to the disease seldom appears~~

U ~~It is~~ It is said the skin is ~~converged~~
 chiefly from the father, and hence I
 have heard that a child begot by a black
 father upon a white mother, always has
 a darker skin than a child born of a
 black mother by a white father.

being ~~contagious~~

V Lancisi saw undue dilatation of the
 right ventricle & auricle of the heart in
 four successive generations.

Delius says he saw a contraction of
 the hands & lips from cold, ~~converged~~

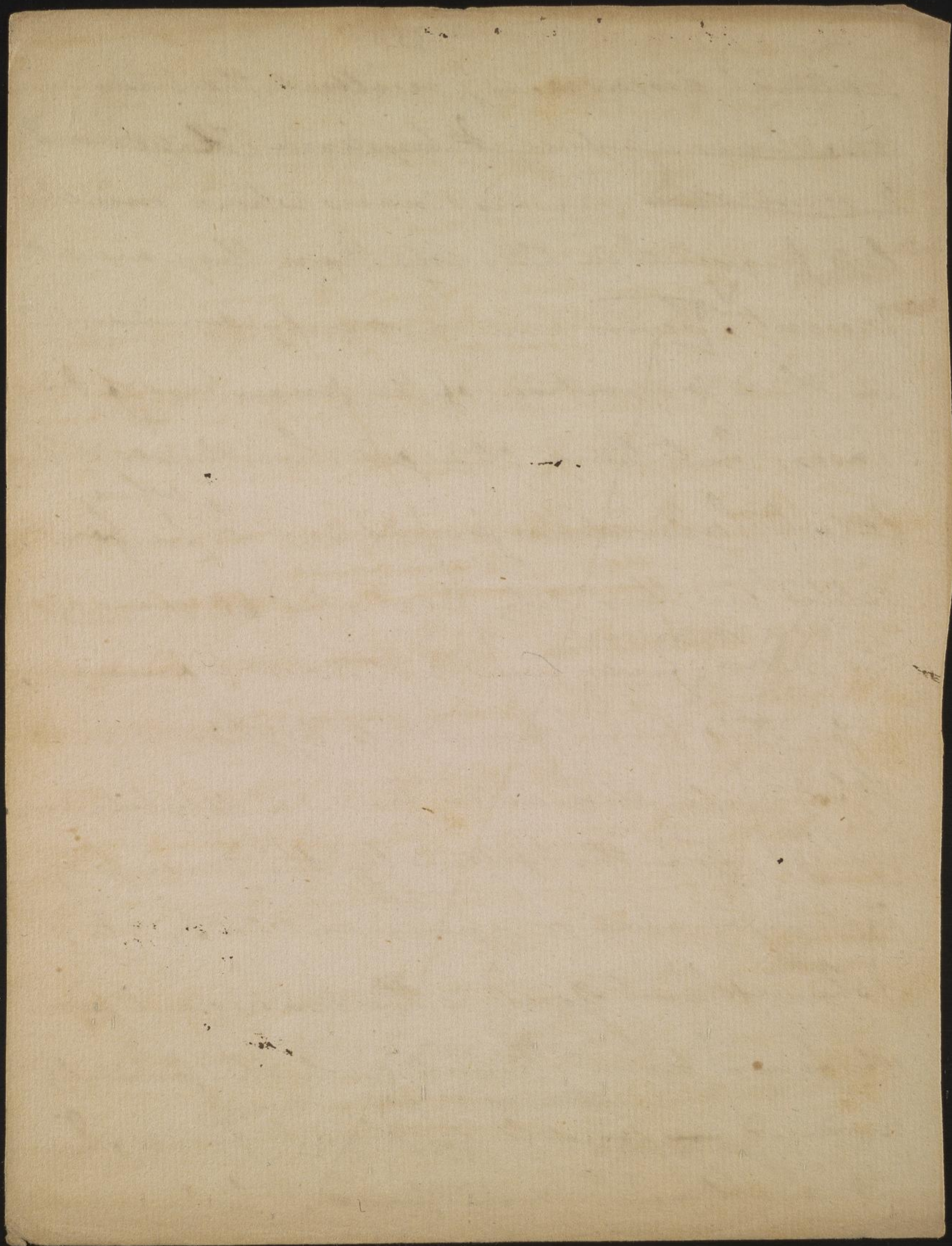
this several generations ~~derived~~ in
 the first instance from a girl born
 of aged parents. ~~back to 357~~

appear in the 3rd Generation. The
Leprosy Dr Swil says in Iceland frequent-
ly ~~also~~ disappears in the 2^d & 3rd and
appears in the 4th Generation.

The color of the skin ^{whether healthy} ~~said says~~ or
natural, is transmitted ^{this a long} ~~from~~ ~~years~~
Succession of Generations. The family of
the ~~Henry~~ ^{have had fair} in Iceland & of the Hamiltons
in Scotland
Dark coloured skins as far back as they
can be remembered. This fact will ~~also~~
admit of an important application

~~has after in explaining the dark color of the~~
~~negroes from the influence of~~ ^{predisposition} ~~environment~~
or the ~~as a~~ Union of both many
diseases descend from parents to childⁿ
which are not enumerated among
hered^{ous} diseases. As Rheumatism -

Natural diseases. — I recollect the time when
~~Cereplexia & palsy — & hysteria — & hypochondria~~
 & most other nervous diseases were much
 less frequent in this city than they are at
 present. ^V Fevers have not only diminished
 in their proportion of the number of dis-
 =cases, but have changed their types. ⁺ The
 late Dr Caldwell ⁺ informed me ⁺ when
 he first settled in this city (perhaps 50 years ago)
 the ^{or chronic} new fever was not known among us,
 — for this fever derives its typhoid, and
 obstinate character, from a debility in-
 =duced upon the system by the progress of
 intemperance or refinement in Society. ⁺
 The Inflam^y Gout is the evanescent form
 of fever from stimuli which formerly
 produced ~~a~~ simple inflam^y fevers. Even
 its inflam^y form has ~~been~~ I believe nearly



va famenefs of diet, exercises, air, or
employments. I have known the Epilepsy
to affect 3, the palsy 4 - and a disposition
5 or 6 of the same family, ^{to hemorrhage} where ~~there~~
none of their
parents and ancestors had been affected
by those diseases. The Consumption in
like manner affects not only a whole
family of children, but even servants
~~and~~ who live under the same roof
with them. In the last instance con-
-tagion is called in, to account for its
spreading so generally in a family; but
why ascribe this filial disease in ^{one} ~~one~~
case to contagion, and not in the
Others that have been mentioned?
Surely no one will admit Epilepsy, palsy
or Hemorrhage to be contagious diseases.

~~Colic~~ and above all ~~Head Ache~~. A

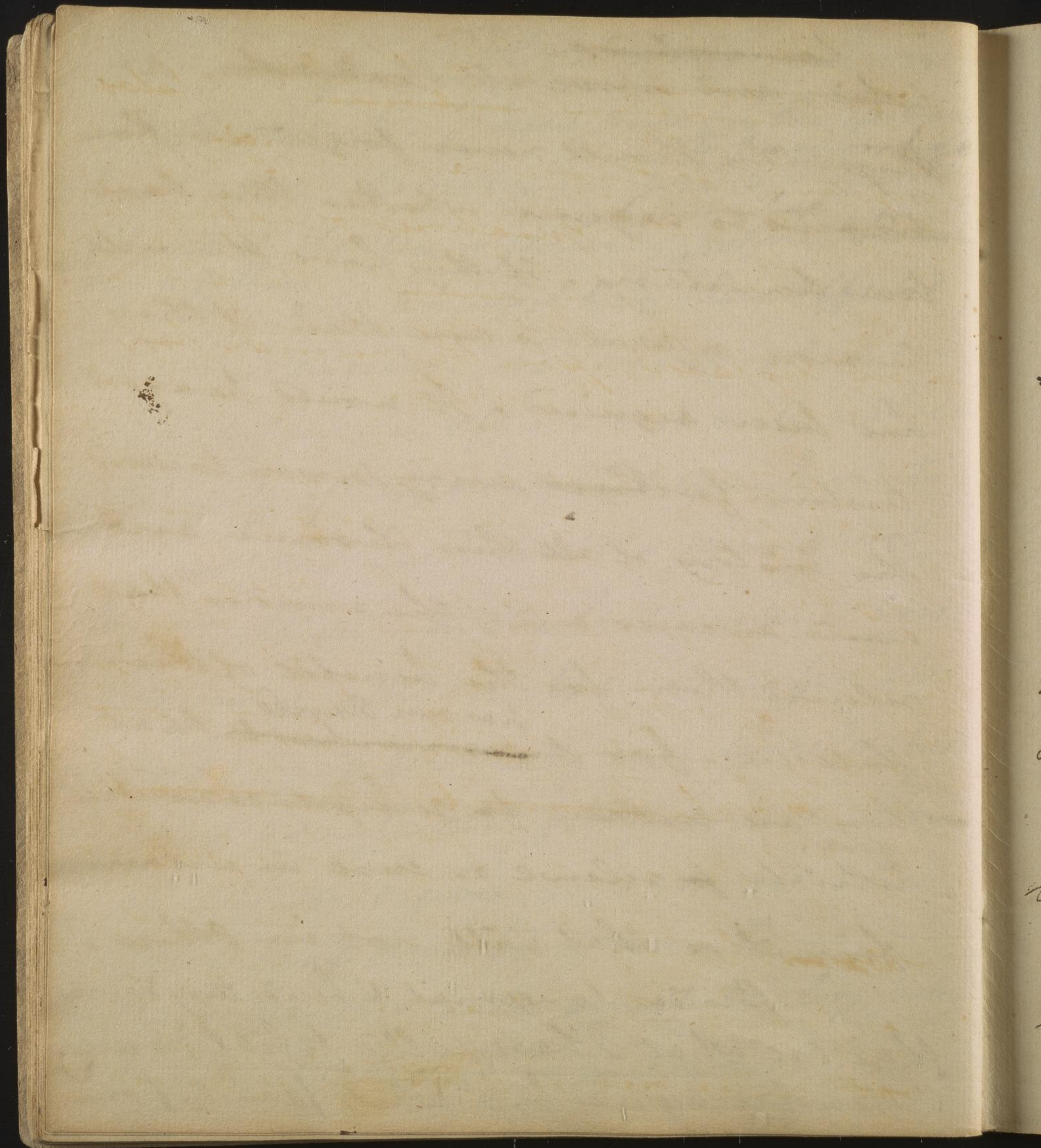
Physician should never forget in Chronic
diseases to inquire whether they have
been hereditary. If they have, they will
be more difficult to cure, than if they
had been acquired. It would be a good
custom for ~~Physicians~~ every person to record
the history of all their Chronic and
acute diseases and of the remedies that
relieved them for the benefit of their
children - for it ^{has been observed} ~~is remarkable~~ that
there are certain ~~for~~ receipts or remedies
which ~~for~~ relieve or cure in certain
families that will not in others.

Besides Congenital, & hereditary diseases
there are what I have called filial diseases.
These are acquired by a whole family from

in the ~~extremities~~ ³⁵⁹ ~~departs from Great Britain~~ ^{histories of} ~~The~~ ^{decreases}
it in modern books appears to be taken
from D^r Sydenham who wrote at a time
when the manners of the Citizens of London
were nearly ~~resembling to ours~~ ^{resembling to ours} ~~perhaps~~
this may be the reason why Stimuli are
said to be used with more safety in Britain
~~in every species of~~ ^{both} ~~Gout~~ ^{the} ~~than~~ ^{in Britain} in America.

But the human Constitution has fallen
^{below} the strength that is necessary to produce even
^{a specimen of} an Atonic Gout, & the indolence - luxury
& extravagant passions of people in high life
show themselves in hysterics - Hippocor-
-diosis - melancholly - Dyspepsy - Syncope -
& Asphixia. - Should the influence of
these great & general causes of ^{debility} ~~diseases~~
continue to increase in ^{of} Britain, the
ranks of Society will soon be marked
with as much decreas by the diseases

[Faint, illegible handwriting on aged paper]



an ^{exclusive} ~~injurious~~ confidence in false
 systems of Physic, an injurious ^{con-}fi-
 dence in the operations of nature, &
 in Quacks have ~~produced~~ entailed ma-
 ny diseases upon the human body.

1 False systems of Physic. To enumerate
 all of them would be to give a history
 of Medical Opinions from Hippocrates
 down to Dr Brown. — I shall only
 remark that in ^{since the deposition of the} ~~the course of the last~~
 Authority of Galen in the Schools of Physic
~~century. the persons friends of Galen~~
 by Paracelsus there has been a succession
 of ~~open~~ systems of medicine all of which
 have introduced a practice more or less
~~fat~~ injurious or fatal to the human

that are peculiar to them, as by peculiar
 manners, or even titles. - The puerile diseases
 that were last named, will become the
 badges of the first order of ^{Nobility} ~~dignity~~. They
 will be the exclusive ~~dis~~ The gout ~~is~~
 of topical affections.
 with all its numerous symptoms, will
 belong exclusively to the 2nd order of nobi-
 lity, ~~as~~ to commonness, & to independent
 country gentlemen, while fevers will
 belong wholly to the common people.
 But even these natural diseases will
 be subdivided between two classes of people.
 - The ~~fevers~~ ^{the fevers} will designate the well
 fed citizen, and ~~passion~~ ^{passion} ~~mechanic~~,
 while the pneumonia - & Rheumatism,
 & all other inflam^y fevers will be the
^{characteristics} ~~badges~~ ^{chimney sweeps -}
 of porters - sailors - soldiers &
 all ~~these~~ other persons who fill the ^{lowest} ~~lowest~~
 ranks in society. When this time, shall

viz Pneumonias

+ ~~But think~~ Even these Diseases in Jamaica

now occur without not only full or
hard pulse, but without fever, & yet

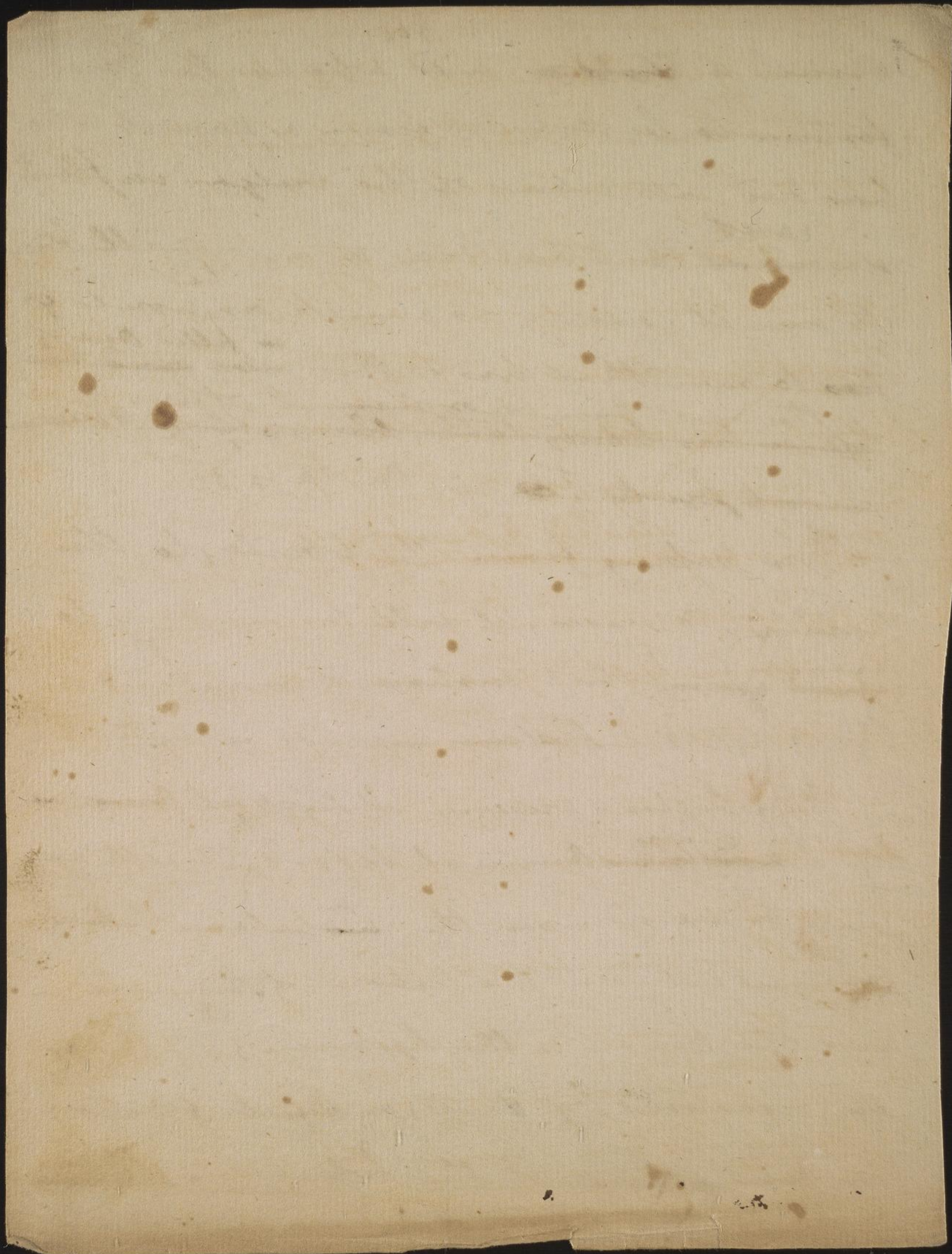
they have been so acute as to end fatally

Dr Quier p: 180

arrive, a ~~child~~ child who has the mis-
 fortune to be descended from a parent who
 has died with either of the vulgar inflam-
^{cases}
 mations that has been named, will blush
 to own it, nearly as much as ^{he} would ^{to}
 his to own that his father ~~was~~ ^{filled one of} ~~was~~ ^{the}
 the most humble or menial offices of
~~life, or his liberty to the clemency of govern-~~
~~ment society.~~ + go on to p 364 x

+ In passing from the febrile, to the
 nervous diseases, it will be necessary to
 remark - ^{1st} that motion of every kind in
 the animal system depends upon stimuli.

- They begin - preserve - & support ~~animal~~
 life - ^{in every} ~~and~~ animal body. 2nd Health ap-
 pears to depend upon the ^{or} ~~due~~ balance between
 preserved between the action of stimuli -
 and the powers of the system. 3rd Diseases
 are occasioned by excess, or defect of action
 in consequence of the loss of this balance.
 This excess & defect of action are produced



with 364

more especially, the production of inflamm:
fever from relative cold, & the action
of the air upon the debilitated body,
upon its coming out of the cold bath.

From this view of our Subject, it
appears that ^{in different degrees} Stimuli - are the causes of life
health & diseases. They are in the ^{animate,} animal,
what attraction is in the inanimate, - &
⁺ love is in the moral world. - I am
the more ^{disposed to embrace} ~~pleased with the~~ adopting single
principles in each of these departments of
the works of the great Creator, inasmuch
as it leads us to discover more of the infinity
of his wisdom in producing effects so various,
~~and~~ so infinitely multiplied, from ^{such} single
causes. -

o Let us now apply these principles. -

x In the simple ages of society, morbid
^{or irritants} ~~morbid or defects~~ Stimuli produce reaction in the
arterial system. Hence the origin of ~~all~~
~~the~~ generation of fevers. -

& The truth of the principles may be further
illustrated by taking another view of our
Subject. ^{Sudden} Grief in a Yeoman, or peasant
produces a fever. In a person of the 2nd rank
in society, it produces melancholly, or
madness - but in a person of the first
rank, whose system is so excitable that he
is ready "to die of a rose in aromatic
pain". Sudden grief ~~often~~ produces syncope
or sudden death. Again - a Yeoman, or
a peasant keeps up the excitement of his
system by boiled meat - apple pie & with no
other beverage than milk & water. A Country
gentleman requires for the same purpose ^{glass}
-ted meat - and wine or malt liquor - ^{while}
the effeminate nobleman is kept alive
only by the stimulants of the richest sauces &
spices - mixed th in his food. together with ^{up}
glazes of spirits in the form of liquors, ^{which}

As men advance in luxury & the refinements
 of civilized life, the same stimuli produce
^{morbid}
~~causes of~~ defect of action in the arterial
 & nervous system - hence the origin of the
^{apoplexy - palsy - gout}
~~gout~~ - and all its numerous train of ~~stomachic~~
^{morbid}
~~affectional~~ symptoms which affects the
 blood vessels & nervous systems.

But when luxury - indolence - and extra-
 -vagant passions have obtained a further in-
 -fluence over the body - the ~~action of stimuli~~
~~resources~~ of the system are so far exhausted,

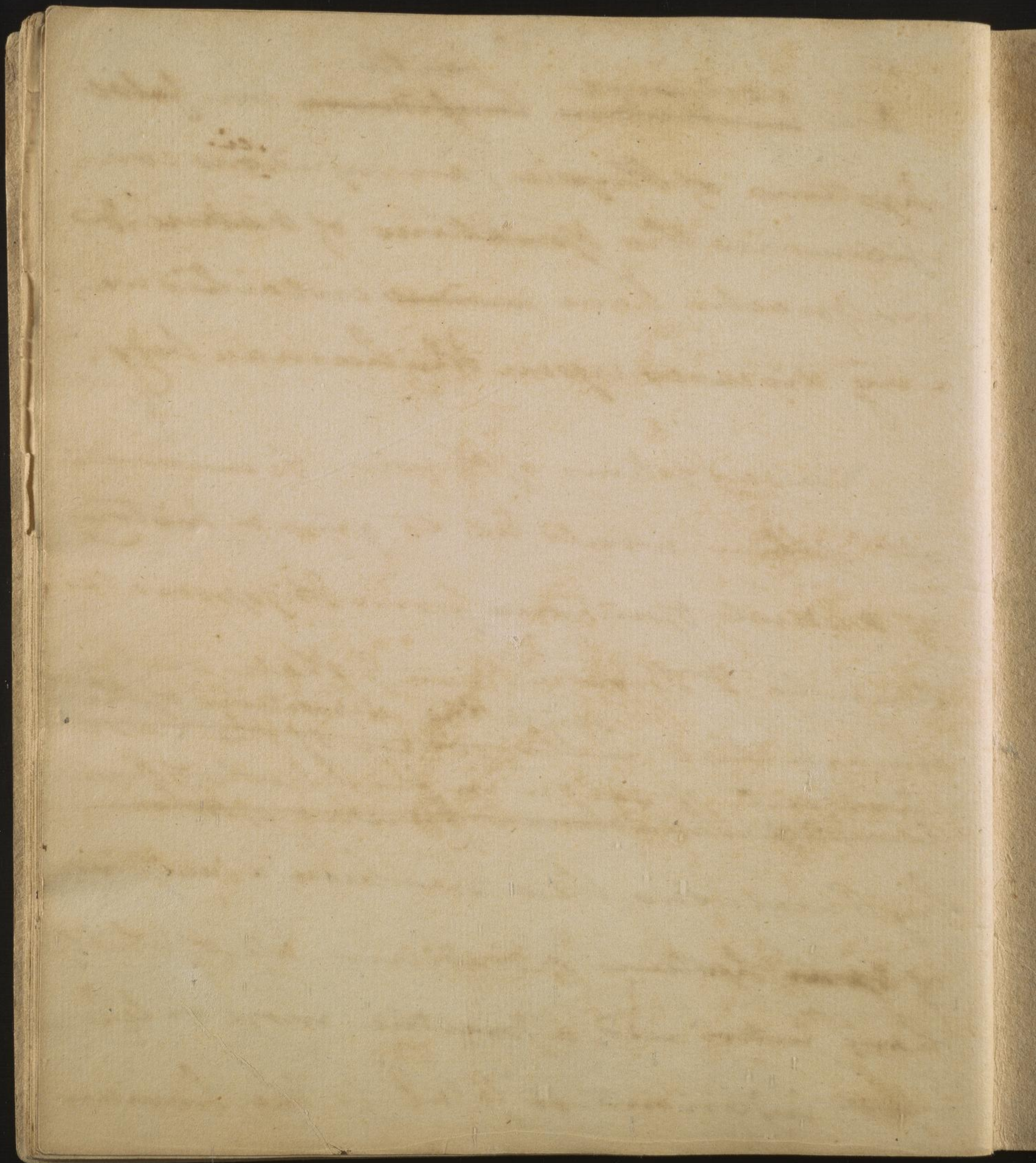
^{is same} ^{morbid}
 that stimuli produce ~~causes of~~ ~~defect of~~
^{chiefly} - hence the
 action ~~only~~ in the nervous system &
 origin of hysteria - Hippochondriasis - Epilepsy &c.
 In the last ~~degree~~ stage of debility

produced by effeminate manners - the same
^{no morbid} ~~defect of action~~ - hence
 stimuli produce, only syncope & asphyxia. -
 marasmus - tabes &c. -

✓ The prevalence of nervous diseases were
 not ~~only~~ to mark the ranks of the first
 orders of society, but the characters of parti-
 -cular nations. - ^{from} ~~from~~ the ~~list of~~ records
 of the diseases ^{of the} ancient Jews preserved
 in the ~~old~~ new testament it is evident they

these are often insufficient to ~~to~~ rouse the
~~feeble remains~~ of his excitability - hence
we read in Byron's travels of an Italian
Marquis who kept himself upon his feet
in a morning walk ~~was~~ only the use of
a smelling bottle. - In selecting these ~~three~~^{these}
Orders of people - I do not forget that ^{these} are
intemperate & debilitated common people,

as well as soberside & temperate nobility
& gentlemen in all countries. But these ^{exceptions} ~~are~~ only
confirm the truth of our principles. They
show the uniform & general action of
stimuli upon the human body. I go on
to note on the next leaf.



Women
they more easily relieve themselves from
its baneful effects by shedding tears.

V ^{entire}
and ^{drinks}
Diet has a powerful influence in dis-
posing the passions to produce diseases. ~~a~~
~~passion~~ ^{is often} of anger it is well known ~~in~~
^{frequently} the offspring of a full animal diet, and
of the intemperate use of wine & hard spirits.

Climate and Season ~~also~~ likewise act
dispose the passions to act more or less
powerfully upon the body. ~~A British Officer~~
~~who more diseases are exposed in a hot than~~
~~a cold climate, and in summer than in~~
~~winter by this they are most benefited in~~ ^{active}
warmer weather.

They act differently when combined ^{from what they do when}
^{Plate} singly and they are ^{still further}
diversified according ~~as they~~ ^{are} gratified to the degree
in which they are gratified, or opposed; and

where ^{disturbed} ~~the~~ ^{eye} ~~is~~ ⁱⁿ the middle of their sleep sleep in the
night, which they treat with neglect, during
other parts of the four & twenty hours. - return to p: 10-8

^{thus}
Having enumerated the ^{morbid} circumstances
which influence the effects of the passions, in
inducing diseases, I now it may be expected
that I should ~~there~~ name the diseases
that are produced by them, but this would
be ^{to anticipate the subjects of several} ~~too far from our present~~ the objects of
^{the future} ~~the present~~ lectures. I shall barely remark
that the blood fever, ^{consumptions,} convulsions, ^{as in palsy - palsy,} diseases
of the stomach & bowels - visceral obstructions,
^{loss of memory, melancholly, &} ~~madness~~ ^{madness,} ^{idiotism,} ~~and~~ ^{are}
all the frequently brought on by the undue
actions of the passions upon the body. I
do not except the diseases of the mind
that were last mentioned, from this catalogue.

